

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM
3.40
(ID # 10465)

MEETING DATE:

Tuesday, August 27, 2019

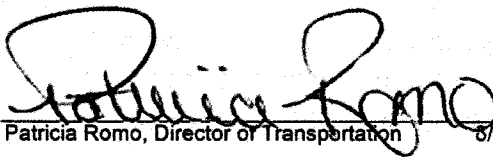
FROM : TLMA-TRANSPORTATION:

SUBJECT: TRANSPORTATION AND LAND MANAGEMENT AGENCY/ TRANSPORTATION:
Approval of the On-Call Services Agreement by and between the County of Riverside and Psomas, for Roadway/Highway Engineering Services for FY 19/20-21/22. All Districts. [Annual \$250,000, Total \$750,000 - Capital Funds and Deposit Based Fees 100%]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve the On-Call Services Agreement between the County of Riverside and Psomas for Roadway/Highway Engineering Services for Fiscal Year 19/20-21/22 and authorize the Chairman of the Board to execute the same;
2. Authorize the Director of Transportation to approve future contract extensions, for Fiscal Year 22/23-23/24, as provided for in the agreement and approved as to form by County Counsel; and
3. Authorize the Director of Transportation to approve no-cost time extensions to complete on-going tasks.

ACTION:Policy


Patricia Romo, Director of Transportation 8/12/2019

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Washington, seconded by Supervisor Spiegel and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt
Nays: None
Absent: None
Date: August 27, 2019
xc: Transp.

Kecia R. Harper
Clerk of the Board

By: 
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 250,000	\$ 250,000	\$ 750,000	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: Capital Funds and Deposit Based Fees (100%). There are no General Funds used on this project.			Budget Adjustment: No	
			For Fiscal Year: 19/20 – 21/22	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

The County of Riverside Transportation Department (Transportation Department) requires outside Roadway/Highway Engineering support services to deliver many road improvement projects identified and funded in the Transportation Improvement Program (TIP) and to meet the demands of the development community.

The Transportation Department issued a Request for Proposals for Traffic Engineering, Highway/Roadway Engineering, and Transportation Planning Services. Twenty two (22) firms submitted proposals for Roadway/Highway Engineering support services and the top ten (10) ranked firms, based upon an evaluation of the proposals, were invited to interview. The written proposals and interviews were evaluated by representatives of the Transportation Department.

Psomas was selected as one of the top ranked firms to provide Roadway/Highway engineering services on an "as-needed" basis, estimated at a not to exceed amount of \$250,000 annually for a period of three years. The terms of the agreement provide the County with the option to extend the agreement for two (2) additional one (1) year periods following the close of the initial three (3) year period. The agreement and rates for services were developed through negotiations between Psomas and the Transportation Department. This on-call services agreement for roadway/highway engineering includes State requirements in order to maximize flexibility for use on State funded projects. Additional agreements with three other engineering firms for on-call roadway/highway engineering services will be on a separate agenda item. Entering into agreements with four different firms allows for the greatest flexibility in managing the Transportation Department's workload.

Impact on Residents and Businesses

This On-Call Roadway/Highway engineering agreement provides the flexibility needed to engage consultants in providing additional Roadway/Highway engineering support services necessary to deliver critical TIP projects and to meet the demands of the development community.

Additional Fiscal Information

All associated agreement cost will be funded using Deposit Based Fees, Local or State Funds. No General Funds will be used for this agreement.

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**


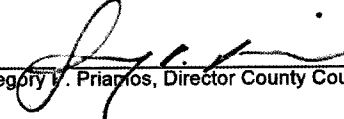
<u>Agreement Term</u>	<u>Annual Budget (not to exceed)</u>
FY 19/20	\$250,000
FY 20/21	\$250,000
FY 21/22	\$250,000
FY 22/23	\$250,000 (requires approval by Director of Transportation)
FY 23/24	\$250,000 (requires approval by Director of Transportation)

Contract History and Price Reasonableness

The Transportation Department has negotiated billing rates with Psomas and they are within range of acceptable industry practice for engineering services. Caltrans has accepted Psomas Indirect Cost Rate (ICR) allowing this consultant to be used for State funded projects.

ATTACHMENT:

On-Call Services Agreement for Roadway/Highway Engineering with Psomas

	Jason Farin, Senior Management Analyst	8/21/2019		Gregory V. Priamos, Director County Counsel	8/14/2019
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Contract No.: [19-07-002]
Termination Date: [June 30, 2022]
Amount Authorized: [\$250,000/year x 3]
State Funding: [No Yes]

ON-CALL SERVICES AGREEMENT

for

Roadway/Highway Engineering

between

County of Riverside • Transportation Department

and

Psomas



AUG 27 2019 3.40

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ARTICLE I INTRODUCTION

A. This On-Call Services Agreement (“Agreement”) is entered into this _____ day of _____, 20_____, by and between COUNTY OF RIVERSIDE, a political subdivision of the State of California, hereinafter referred to as “COUNTY”, and Psomas, a California Corporation hereinafter referred to as “CONSULTANT”.

B. Coordination of CONSULTANT and COUNTY activities shall be accomplished through a CONSULTANT Contract Manager and a COUNTY Contract Administrator.

The CONSULTANT’s Contract Manager for CONSULTANT shall be:

Agustin Chang

Located at:

1500 Iowa Avenue, Suite 210, Riverside, CA 92507

The COUNTY’s Contract Administrator for COUNTY shall be:

Khalid Nasim

Located at:

3525 14th Street, Riverside, CA 92501

C. CONSULTANT shall perform:

The covenants set forth in Article III entitled Statement of Work;

In accordance with the time frames set forth in Article IV entitled Performance Periods;

For the fees set forth in Article V entitled Allowable Costs and Payments.

D. CONSULTANT and the agents and employees of CONSULTANT, in the performance of this contract, shall act in an independent capacity and not as officers or employees or agents of COUNTY.

E. Without the written consent of COUNTY, this contract is not assignable by CONSULTANT either in whole or in part.

F. No alteration or variation of the terms of this contract shall be valid, unless made in writing and signed by the parties hereto; and no oral understanding or agreement not incorporated herein, shall be binding on any of the parties hereto.

G. The consideration to be paid to CONSULTANT as provided herein, shall be in compensation for all of CONSULTANT’s expenses incurred in the performance hereof, including travel and per diem, unless otherwise expressly so provided.

H. COUNTY may be working cooperatively with other agencies (collectively referred to as the “AGENCIES”) in the effort to complete services performed under this contract.

ARTICLE II CONSULTANT’S REPORTS OR MEETINGS

A. To ensure understanding and performance of the contract objectives, meetings between COUNTY, AGENCIES, and CONSULTANT shall be held in accordance with the terms of each Task Order. All work objectives, CONSULTANT’s work schedule, the terms of the contract and any other related issues may be discussed and/or resolved. CONSULTANT shall keep minutes of meetings and distribute copies of minutes as appropriate.

B. CONSULTANT’s Contract Manager shall meet with COUNTY’s Contract Administrator, as needed, to discuss progress on the contract and/or Task Orders.

ARTICLE III STATEMENT OF WORK

CONSULTANT shall furnish all technical and professional services including labor, material, equipment, transportation, supervision, and expertise to fully and adequately perform and complete the covenants set forth in Attachment A, Scope of Services, which is attached hereto and incorporated herein by reference and in any Task Order executed under the authority of this Contract.

ARTICLE IV PERFORMANCE PERIOD

A. This contract shall go into effect contingent upon approval by COUNTY, and CONSULTANT shall commence work after notification to proceed by COUNTY’S Contract Administrator. The contract shall end on 6/30/2022, unless extended by contract amendment.

B. CONSULTANT is advised that any recommendation for contract award is not binding on COUNTY until the contract is fully executed and approved by COUNTY.

C. The period of performance shall be in accordance with the requirements set forth in each Task Order. If work on a Task Order is in progress on the expiration date of this contract, the terms of the contract shall be extended by contract amendment. Contract extensions may be executed by the Director of Transportation if authorized by the County Board of Supervisors.

ARTICLE V ALLOWABLE COSTS AND PAYMENTS

A. CONSULTANT will be reimbursed for hours worked at the hourly rates specified in CONSULTANTs Cost Proposal. The specified hourly rates shall include direct salary costs, employee benefits, overhead, and fee. These rates are not adjustable for the performance period set forth in this Contract.

On-Call Engineering Services – Roadway/Highway Engineering

- 1 B. In addition, CONSULTANT will be reimbursed for incurred (actual) direct costs other than salary costs that are
2 in the cost proposal and identified in the cost proposal and in the executed Task Order.
- 3 C. Specific assignments will be authorized to CONSULTANT through issuance of Task Orders.
- 4 D. Each Task Order will identify the scope of services, expected results, deliverables, period of performance and
5 will designate a COUNTY Task Coordinator. CONSULTANT shall prepare a Cost Estimate, including a written
6 estimate of the number of hours and hourly rates per staff person, any anticipated reimbursable expenses,
7 overhead, fee if any, and total dollar amount. After agreement has been reached on the negotiable items and
8 total cost; the finalized Task Order shall be prepared in accordance with the format as specified in the County
9 Consulting Services Manual and shall be signed by both COUNTY and CONSULTANT.
- 10 E. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified in the approved
11 Compensation Plan.
- 12 F. Progress payments for each Task Order will be made monthly in arrears based on services provided and
13 allowable costs incurred.
- 14 G. CONSULTANT shall not commence performance of work or services until this contract has been approved by
15 COUNTY, and notification to proceed has been issued by COUNTY'S Contract Administrator. No payment will
16 be made prior to approval or for any work performed prior to approval of this contract.
- 17 H. A Task Order is of no force or effect until returned to COUNTY and signed by an authorized representative of
18 COUNTY. No expenditures are authorized on a assignment and work shall not commence until a Task Order
19 for that assignment has been executed by COUNTY.
- 20 I. CONSULTANT will be reimbursed, as promptly as fiscal procedures will permit upon receipt by COUNTY'S
21 Contract Administrator of itemized invoices. Separate invoices itemizing all costs are required for all work
22 performed under each Task Order. Invoices shall be submitted no later than 45 calendar days after the
23 performance of work for which CONSULTANT is billing, or upon completion of the Task Order. Invoices shall
24 follow the format stipulated in the COUNTY'S Consulting Services Manual. Credits due COUNTY that include
25 any equipment purchased under the provisions of Article XI Equipment Purchase of this contract, must be
26 reimbursed by CONSULTANT prior to the expiration or termination of this contract. Invoices shall be mailed to
27 COUNTY's Contract Administrator at the address provided in Article I.
- 28 J. The period of performance for Task Orders shall be in accordance with time frame specified in each Task Order.
- 29 K. The total amount payable by COUNTY for an individual Task Order shall not exceed the amount agreed to in

- 1 the Task Order. Additional services or budget will require the issuance of a new Task Order.
- 2 L. If the Consultant fails to satisfactorily complete a deliverable according to the schedule set forth in a Task Order,
3 no payment will be made until the deliverable has been satisfactorily completed.
- 4 M. Task Orders may not be used to amend this Agreement and may not exceed the scope of work under this
5 Agreement.
- 6 N. The total amount payable by COUNTY for all Task Orders resulting from this contract shall not exceed
7 \$750,000.
- 8 O. It is understood and agreed that there is no guarantee, either expressed or implied that this dollar amount will
9 be authorized under this contract through Task Orders.

10 **ARTICLE VI TERMINATION**

- 11 A. COUNTY reserves the right to terminate this contract upon thirty (30) calendar days written notice to
12 CONSULTANT with the reasons for termination stated in the notice.
- 13 B. COUNTY may terminate this contract with CONSULTANT should CONSULTANT fail to perform the covenants
14 herein contained at the time and in the manner herein provided. In the event of such termination, COUNTY
15 may proceed with the work in any manner deemed proper by COUNTY. If COUNTY terminates this contract
16 with CONSULTANT, COUNTY shall pay CONSULTANT the sum due to CONSULTANT under this contract
17 prior to termination, unless the cost of completion to COUNTY exceeds the funds remaining in the contract. In
18 which case the overage shall be deducted from any sum due CONSULTANT under this contract and the
19 balance, if any, shall be paid to CONSULTANT upon demand.

20 **ARTICLE VII COST PRINCIPLES AND ADMINISTRATIVE REQUIREMENTS**

- 21 A. CONSULTANT agrees that the Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition
22 Regulations System, Chapter 1, Part 31.000 et seq., shall be used to determine the cost allowability of individual
23 items.
- 24 B. CONSULTANT also agrees to comply with federal procedures in accordance with 2 CFR, Part 200, Uniform
25 Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.
- 26 C. Any costs for which payment has been made to CONSULTANT that are determined by subsequent audit to be
27 unallowable under 2 CFR, Part 200 and 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part
28 31.000 et seq., are subject to repayment by CONSULTANT to COUNTY.

29 **ARTICLE VIII RETENTION OF RECORDS/AUDIT**

1 For the purpose of determining compliance with Public Contract Code 10115, et seq. and Title 21, California Code
2 of Regulations, Chapter 21, Section 2500 et seq., when applicable and other matters connected with the
3 performance of the contract pursuant to Government Code 8546.7; CONSULTANT, subconsultants, and COUNTY
4 shall maintain and make available for inspection all books, documents, papers, accounting records, and other
5 evidence pertaining to the performance of the contract, including but not limited to, the costs of administering the
6 contract. All parties shall make such materials available at their respective offices at all reasonable times during
7 the contract period and for three years from the date of final payment under the contract. The state, State Auditor,
8 COUNTY, FHWA, or any duly authorized representative of the Federal Government shall have access to any books,
9 records, and documents of CONSULTANT and it's certified public accountants (CPA) work papers that are pertinent
10 to the contract and indirect cost rates (ICR) for audit, examinations, excerpts, and transactions, and copies thereof
11 shall be furnished if requested.

12 **ARTICLE IX AUDIT REVIEW PROCEDURES**

13 A. Any dispute concerning a question of fact arising under an interim or post audit of this contract that is not
14 disposed of by agreement, shall be reviewed by COUNTY'S Chief Financial Officer.

15 B. Not later than 30 days after issuance of the final audit report, CONSULTANT may request a review by
16 COUNTY'S Chief Financial Officer of unresolved audit issues. The request for review will be submitted in
17 writing.

18 C. Neither the pendency of a dispute nor its consideration by COUNTY will excuse CONSULTANT from full and
19 timely performance, in accordance with the terms of this contract.

20 D. Audit Terms and Conditions if the amount shown in Article V.N is greater than \$150,000.

21 CONSULTANT and subconsultant contracts, including cost proposals and ICR, are subject to audits or reviews
22 such as, but not limited to, a contract audit, an incurred cost audit, an ICR Audit, or a CPA ICR audit work paper
23 review. If selected for audit or review, the contract, cost proposal and ICR and related work papers, if applicable,
24 will be reviewed to verify compliance with 48 CFR, Part 31 and other related laws and regulations. In the
25 instances of a CPA ICR audit work paper review it is CONSULTANT's responsibility to ensure federal, state, or
26 local government officials are allowed full access to the CPA's work papers including making copies as
27 necessary. The contract, cost proposal, and ICR shall be adjusted by CONSULTANT and approved by
28 COUNTY contract manager to conform to the audit or review recommendations. CONSULTANT agrees that
29 individual terms of costs identified in the audit report shall be incorporated into the contract by this reference if

1 directed by COUNTY at its sole discretion. Refusal by CONSULTANT to incorporate audit or review
2 recommendations, or to ensure that the federal, state or local governments have access to CPA work papers,
3 will be considered a breach of contract terms and cause for termination of the contract and disallowance of prior
4 reimbursed costs.

5 The provisional ICR will apply to this contract and all other contracts executed between COUNTY and the
6 CONSULTANT, either as a prime or subconsultant, with the same fiscal period ICR.

7 **ARTICLE X SUBCONTRACTING**

8 A. Nothing contained in this contract or otherwise, shall create any contractual relation between COUNTY and any
9 subconsultant(s), and no subcontract shall relieve CONSULTANT of its responsibilities and obligations
10 hereunder. CONSULTANT agrees to be as fully responsible to COUNTY for the acts and omissions of its
11 subconsultant(s) and of persons either directly or indirectly employed by any of them as it is for the acts and
12 omissions of persons directly employed by CONSULTANT. CONSULTANT's obligation to pay its
13 subconsultant(s) is an independent obligation from COUNTY'S obligation to make payments to the
14 CONSULTANT.

15 B. CONSULTANT shall perform the work contemplated with resources available within its own organization and
16 no portion of the work pertinent to this contract shall be subcontracted without written authorization by
17 COUNTY's Contract Administrator, except that, which is expressly identified in the Compensation Plan.

18 C. CONSULTANT shall pay its subconsultants within ten (10) calendar days from receipt of each payment made
19 to CONSULTANT by COUNTY.

20 D. All subcontracts entered into as a result of this contract shall contain all the provisions stipulated in this contract
21 to be applicable to subconsultants.

22 E. Any substitution of subconsultant(s) must be approved in writing by COUNTY's Contract Administrator prior to
23 the start of work by the subconsultant(s).

24 **ARTICLE XI EQUIPMENT PURCHASE**

25 A. Prior authorization in writing, by COUNTY's Contract Administrator shall be required before CONSULTANT
26 enters into any unbudgeted purchase order, or subcontract exceeding \$5,000 for supplies, equipment, or
27 CONSULTANT services. CONSULTANT shall provide an evaluation of the necessity or desirability of incurring
28 such costs.

29 B. For purchase of any item, service or consulting work not covered in CONSULTANT's Compensation Plan and

1 exceeding \$5,000 prior authorization by COUNTY's Contract Administrator; three competitive quotations must
2 be submitted with the request, or the absence of bidding must be adequately justified.

3 C. Any equipment purchased as a result of this contract is subject to the following: "CONSULTANT shall maintain
4 an inventory of all nonexpendable property. Nonexpendable property is defined as having a useful life of at
5 least two years and an acquisition cost of \$5,000 or more. If the purchased equipment needs replacement and
6 is sold or traded in, COUNTY shall receive a proper refund or credit at the conclusion of the contract, or if the
7 contract is terminated, CONSULTANT may either keep the equipment and credit COUNTY in an amount equal
8 to its fair market value, or sell such equipment at the best price obtainable at a public or private sale, in
9 accordance with established COUNTY procedures; and credit COUNTY in an amount equal to the sales price.
10 If CONSULTANT elects to keep the equipment, fair market value shall be determined at CONSULTANT's
11 expense, on the basis of a competent independent appraisal of such equipment. Appraisals shall be obtained
12 from an appraiser mutually agreeable to by COUNTY and CONSULTANT, if it is determined to sell the
13 equipment, the terms and conditions of such sale must be approved in advance by COUNTY.

14 **ARTICLE XII STATE PREVAILING WAGE RATES**

15 In the event that a portion of the work performed by CONSULTANT are by crafts affected by state labor laws, the
16 following terms and conditions shall apply.

17 A. CONSULTANT shall comply with the State of California's General Prevailing Wage Rate requirements in
18 accordance with California Labor Code, Section 1770, and all Federal, State, and local laws and ordinances
19 applicable to the work.

20 B. Any subcontract entered into as a result of this contract, if for more than \$25,000 for public works construction
21 or more than \$15,000 for the alteration, demolition, repair, or maintenance of public works, shall contain all of
22 the provisions of this Article, unless the awarding agency has an approved labor compliance program by the
23 Director of Industrial Relations.

24 C. When prevailing wages apply to the services described in the scope of work, transportation and subsistence
25 costs shall be reimbursed at the minimum rates set by the Department of Industrial Relations (DIR) as outlined
26 in the applicable Prevailing Wage Determination. See <http://www.dir.ca.gov>.

27 When all of the work performed by CONSULTANT is performed by crafts not affected by state labor laws or are not
28 contemplated for use, the following terms and conditions shall apply.

29 A. The State of California's General Prevailing Wage Rates are not applicable to this contract.

1 **Note:** The Federal "Payment of Predetermined Minimum Wage" applies only to federal-aid construction
2 contracts.

3 **ARTICLE XIII CONFLICT OF INTEREST**

4 A. CONSULTANT shall disclose any financial, business, or other relationship with COUNTY that may have an
5 impact upon the outcome of this contract, or any ensuing COUNTY construction project. CONSULTANT shall
6 also list current clients who may have a financial interest in the outcome of this contract, or any ensuing
7 COUNTY construction project, which will follow.

8 B. CONSULTANT hereby certifies that it does not now have, nor shall it acquire any financial or business interest
9 that would conflict with the performance of services under this contract.

10 C. CONSULTANT hereby certifies that neither CONSULTANT, nor any firm affiliated with CONSULTANT will bid
11 on any construction contract, or on any contract to provide construction inspection for any construction project
12 resulting from this contract. An affiliated firm is one, which is subject to the control of the same persons through
13 joint-ownership, or otherwise.

14 D. Except for subconsultants whose services are limited to providing surveying or materials testing information, no
15 subconsultant who has provided design services in connection with this contract shall be eligible to bid on any
16 construction contract, or on any contract to provide construction inspection for any construction project resulting
17 from this contract.

18 **ARTICLE XIV REBATES, KICKBACKS OR OTHER UNLAWFUL CONSIDERATION**

19 CONSULTANT warrants that this contract was not obtained or secured through rebates kickbacks or other unlawful
20 consideration, either promised or paid to any COUNTY employee. For breach or violation of this warranty, COUNTY
21 shall have the right in its discretion; to terminate the contract without liability; to pay only for the value of the work
22 actually performed; or to deduct from the contract price; or otherwise recover the full amount of such rebate,
23 kickback or other unlawful consideration.

24 **ARTICLE XV PROHIBITION OF EXPENDING COUNTY STATE OR FEDERAL FUNDS FOR LOBBYING**

25 A. CONSULTANT certifies to the best of his or her knowledge and belief that:

- 26 1. No state, federal or COUNTY appropriated funds have been paid, or will be paid by-or-on behalf of
27 CONSULTANT to any person for influencing or attempting to influence an officer or employee of any state
28 or federal agency; a Member of the State Legislature or United States Congress; an officer or employee of
29 the Legislature or Congress; or any employee of a Member of the Legislature or Congress, in connection

1 with the awarding of any state or federal contract; the making of any state or federal grant; the making of
2 any state or federal loan; the entering into of any cooperative agreement, and the extension, continuation,
3 renewal, amendment, or modification of any state or federal contract, grant, loan, or cooperative agreement.

4 2. If any funds other than federal appropriated funds have been paid, or will be paid to any person for
5 influencing or attempting to influence an officer or employee of any federal agency; a Member of Congress;
6 an officer or employee of Congress, or an employee of a Member of Congress; in connection with this
7 federal contract, grant, loan, or cooperative agreement; CONSULTANT shall complete and submit
8 Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.

9 B. This certification is a material representation of fact upon which reliance was placed when this transaction was
10 made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction
11 imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be
12 subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

13 C. CONSULTANT also agrees by signing this document that he or she shall require that the language of this
14 certification be included in all lower-tier subcontracts, which exceed \$100,000 and that all such sub recipients
15 shall certify and disclose accordingly.

16 **ARTICLE XVI STATEMENT OF COMPLIANCE**

17 A. CONSULTANT's signature affixed herein, and dated, shall constitute a certification under penalty of perjury
18 under the laws of the State of California that CONSULTANT has, unless exempt, complied with, the
19 nondiscrimination program requirements of Government Code Section 12990 and Title 2, California
20 Administrative Code, Section 8103.

21 B. During the performance of this Contract, Consultant and its subconsultants shall not unlawfully discriminate,
22 harass, or allow harassment against any employee or applicant for employment because of sex, race, color,
23 ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical
24 condition (e.g., cancer), age (over 40), marital status, and denial of family care leave. Consultant and
25 subconsultants shall insure that the evaluation and treatment of their employees and applicants for employment
26 are free from such discrimination and harassment. Consultant and subconsultants shall comply with the
27 provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable
28 regulations promulgated there under (California Code of Regulations, Title 2, Section 7285 et seq.). The
29 applicable regulations of the Fair Employment and Housing Commission implementing Government Code

1 Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are
2 incorporated into this Contract by reference and made a part hereof as if set forth in full. Consultant and its
3 subconsultants shall give written notice of their obligations under this clause to labor organizations with which
4 they have a collective bargaining or other Agreement.

5 C. The Consultant shall comply with regulations relative to Title VI (nondiscrimination in federally-assisted
6 programs of the Department of Transportation – Title 49 Code of Federal Regulations, Part 21 - Effectuation of
7 Title VI of the 1964 Civil Rights Act). Title VI provides that the recipients of federal assistance will implement
8 and maintain a policy of nondiscrimination in which no person in the State of California shall, on the basis of
9 race, color, national origin, religion, sex, age, disability, be excluded from participation in, denied the benefits
10 of or subject to discrimination under any program or activity by the recipients of federal assistance or their
11 assignees and successors in interest.

12 D. The Consultant, with regard to the work performed by it during the Agreement shall act in accordance with Title
13 VI. Specifically, the Consultant shall not discriminate on the basis of race, color, national origin, religion, sex,
14 age, or disability in the selection and retention of Subconsultants, including procurement of materials and leases
15 of equipment. The Consultant shall not participate either directly or indirectly in the discrimination prohibited by
16 Section 21.5 of the U.S. DOT's Regulations, including employment practices when the Agreement covers a
17 program whose goal is employment.

18 **ARTICLE XVII DEBARMENT AND SUSPENSION CERTIFICATION**

19 A. CONSULTANT's signature affixed herein, shall constitute a certification under penalty of perjury under the laws
20 of the State of California, that CONSULTANT has complied with Title 2 CFR, Part 180, "OMB Guidelines to
21 Agencies on Government wide Debarment and Suspension (nonprocurement)", which certifies that he/she or
22 any person associated therewith in the capacity of owner, partner, director, officer, or manager, is not currently
23 under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency; has
24 not been suspended, debarred, voluntarily excluded, or determined ineligible by any federal agency within the
25 past three (3) years; does not have a proposed debarment pending; and has not been indicted, convicted, or
26 had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or
27 official misconduct within the past three (3) years. Any exceptions to this certification must be disclosed to
28 COUNTY.

29 B. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in

1 determining CONSULTANT responsibility. Disclosures must indicate to whom exceptions apply, initiating
2 agency, and dates of action.

3 C. Exceptions to the Federal Government Excluded Parties List System maintained by the General Services
4 Administration are to be determined by the Federal highway Administration.

5 **ARTICLE XVIII FUNDING REQUIREMENTS**

6 A. It is mutually understood between the parties that this contract may have been written before ascertaining the
7 availability of funds or appropriation of funds, for the mutual benefit of both parties, in order to avoid program
8 and fiscal delays that would occur if the contract were executed after that determination was made.

9 B. This contract is valid and enforceable only, if sufficient funds are made available to COUNTY for the purpose
10 of this contract. In addition, this contract is subject to any additional restrictions, limitations, conditions, or any
11 statute enacted by the Congress, State Legislature, or COUNTY governing board that may affect the provisions,
12 terms, or funding of this contract in any manner.

13 C. It is mutually agreed that if sufficient funds are not appropriated, this contract may be amended to reflect any
14 reduction in funds.

15 D. COUNTY has the option to void the contract under the 30-day termination clause pursuant to Article VI, or by
16 mutual agreement to amend the contract to reflect any reduction of funds.

17 **ARTICLE XIX CHANGE IN TERMS**

18 A. This contract may be amended or modified only by mutual written agreement of the parties.

19 B. CONSULTANT shall only commence work covered by an amendment after the amendment is executed and
20 notification to proceed has been provided by COUNTY's Contract Administrator.

21 C. There shall be no change in CONSULTANT's Contract Manager or members of the contract team, as listed as
22 Key Personnel in the approved Scope of Services, which is a part of this contract without prior written approval
23 by COUNTY's Contract Administrator.

24 **ARTICLE XX CONTINGENT FEE**

25 CONSULTANT warrants, by execution of this contract that no person or selling agency has been employed, or
26 retained, to solicit or secure this contract upon an agreement or understanding, for a commission, percentage,
27 brokerage, or contingent fee, excepting bona fide employees, or bona fide established commercial or selling
28 agencies maintained by CONSULTANT for the purpose of securing business. For breach or violation of this
29 warranty, COUNTY has the right to annul this contract without liability; pay only for the value of the work actually

1 performed, or in its discretion to deduct from the contract price or consideration, or otherwise recover the full amount
2 of such commission, percentage, brokerage, or contingent fee.

3 **ARTICLE XXI DISPUTES**

4 A. Any dispute, other than audit, concerning a question of fact arising under this contract that is not disposed of
5 by agreement shall be decided by a committee consisting of COUNTY's Contract Administrator and (Insert
6 Department Head or Official), who may consider written or verbal information submitted by CONSULTANT.

7 B. Not later than 30 days after completion of all deliverables necessary to complete the plans, specifications and
8 estimate, CONSULTANT may request review by COUNTY Governing Board of unresolved claims or disputes,
9 other than audit. The request for review will be submitted in writing.

10 C. Neither the pendency of a dispute, nor its consideration by the committee will excuse CONSULTANT from full
11 and timely performance in accordance with the terms of this contract.

12 **ARTICLE XXII INSPECTION OF WORK**

13 CONSULTANT and any subconsultant shall permit COUNTY, the state, and the FHWA if federal participating funds
14 are used in this contract; to review and inspect the contract activities and files at all reasonable times during the
15 performance period of this contract including review and inspection on a daily basis.

16 **ARTICLE XXIII SAFETY**

17 A. CONSULTANT shall comply with OSHA regulations applicable to CONSULTANT regarding necessary safety
18 equipment or procedures. CONSULTANT shall comply with safety instructions issued by COUNTY Safety
19 Officer and other COUNTY representatives. CONSULTANT personnel shall wear hard hats and safety vests
20 at all times while working on the construction project site.

21 B. Pursuant to the authority contained in Section 591 of the Vehicle Code, COUNTY has determined that such
22 areas are within the limits of the project and are open to public traffic. CONSULTANT shall comply with all of
23 the requirements set forth in Divisions 11, 12, 13, 14, and 15 of the Vehicle Code. CONSULTANT shall take
24 all reasonably necessary precautions for safe operation of its vehicles and the protection of the traveling public
25 from injury and damage from such vehicles.

26 C. Any subcontract entered into as a result of this contract, shall contain all of the provisions of this Article.

27 D. In the event CONSULTANT performs trenching of five feet or deeper in the performance any service provided
28 under this Agreement, CONSULTANT must have a Division of Occupational Safety and Health (CAL-OSHA)
29 permit(s), as outlined in California Labor Code Sections 6500 and 6705, prior to the initiation of any practices,

1 work, method, operation, or process related to the construction or excavation of trenches which are five feet or
2 deeper.

3 **ARTICLE XXIV INDEMNIFICATION AND INSURANCE**

4 **A. INDEMNIFICATION**

5 1. To the fullest extent permitted by applicable law, CONSULTANT agrees to and shall indemnify, defend and
6 hold harmless the County of Riverside, its Agencies, Districts, Departments and Special Districts, their
7 respective directors, officers, Board of Supervisors, elected and appointed officials, employees, agents,
8 volunteers and representatives (hereinafter individually and collectively referred to as "Indemnitees") from
9 all liability, including, but not limited to loss, suits, claims, demands, actions, or proceedings caused by any
10 alleged or actual negligence, recklessness, or willful misconduct of CONSULTANT, its directors, officers,
11 partners, employees, agents, subconsultants or representatives or any person or organization for whom
12 CONSULTANT is responsible, arising out of or from the performance of services under this Agreement. In
13 no event shall the cost to defend charged to the CONSULTANT exceed the CONSULTANT's proportionate
14 percentage of fault.

15 2. The duty to indemnify does not include loss, suits, claims, demands, actions, or proceedings caused by
16 actual negligence of Indemnitees; however, any actual negligence of Indemnitees will only affect the duty
17 to indemnify for the specific act adjudged by the findings of a court of competent jurisdiction to be negligence
18 of the Indemnitees, and will not preclude a duty to indemnify for any negligence, recklessness, or willful
19 misconduct of CONSULTANT.

20 3. To the fullest extent permitted by applicable law, CONSULTANT shall defend and pay, at its sole expense,
21 all costs and fees, including but not limited to attorney fees, cost of investigation, and defense, in any loss,
22 suits, claims, demands, actions, or proceedings based or alleged to be based on any negligence,
23 recklessness, or willful misconduct of CONSULTANT arising out of or from the performance of services
24 under this Agreement. The duty to defend applies to any alleged or actual negligence, recklessness, or
25 willful misconduct of CONSULTANT. The duty to defend shall apply whether or not CONSULTANT is a
26 party to the lawsuit, and shall apply whether or not CONSULTANT is directly liable to the plaintiffs in the
27 lawsuit. The duty to defend applies even if Indemnitees are alleged or found to be actively negligent, unless
28 the negligent act, error or omission at issue was caused by the sole active negligence of Indemnitees.

29 4. The specified insurance provisions and limits required in this Agreement shall in no way limit or circumscribe

1 CONSULTANT'S obligations to indemnify and hold harmless Indemnitees from third party claims.

2 5. In the event there is conflict between the indemnity and defense provisions and California Civil Code
3 Sections 2782 and 2782.8, the indemnity and defense provisions shall be interpreted to comply with Civil
4 Code sections 2782 and 2782.8.

5 **B. INSURANCE**

6 Without limiting or diminishing the CONSULTANT'S obligation to indemnify or hold the COUNTY harmless,
7 CONSULTANT shall procure and maintain or cause to be maintained, at its sole cost and expense, the following
8 insurance coverage's during the term of this Agreement. As respects to the insurance section only, the
9 COUNTY herein refers to the County of Riverside, its Agencies, Districts, Special Districts, and Departments,
10 their respective directors, officers, Board of Supervisors, employees, elected or appointed officials, agents or
11 representatives as Additional Insureds.

12 1. **Workers' Compensation:**

13 If the CONSULTANT has employees as defined by the State of California, the CONSULTANT shall maintain
14 statutory Workers' Compensation Insurance (Coverage A) as prescribed by the laws of the State of
15 California. Policy shall include Employers' Liability (Coverage B) including Occupational Disease with limits
16 not less than \$1,000,000 per person per accident. The policy shall be endorsed to waive subrogation in
17 favor of The County of Riverside.

18 2. **Commercial General Liability:**

19 Commercial General Liability insurance coverage, including but not limited to, premises liability, unmodified
20 contractual liability, products and completed operations liability, personal and advertising injury, and cross
21 liability coverage, covering claims which may arise from or out of CONSULTANT'S performance of its
22 obligations hereunder. Policy shall name the COUNTY as Additional Insured. Policy's limit of liability shall
23 not be less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general
24 aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence
25 limit.

26 3. **Vehicle Liability:**

27 If vehicles or mobile equipment are used in the performance of the obligations under this Agreement, then
28 CONSULTANT shall maintain liability insurance for all owned, non-owned or hired vehicles so used in an
29 amount not less than \$1,000,000 per occurrence combined single limit. If such insurance contains a general

1 aggregate limit, it shall apply separately to this agreement or be no less than two (2) times the occurrence
2 limit. Policy shall name the COUNTY as Additional Insureds.

3 4. Professional Liability

4 CONSULTANT shall maintain Professional Liability Insurance providing coverage for the CONSULTANT's
5 performance of work included within this Agreement, with a limit of liability of not less then \$1,000,000 per
6 occurrence and \$2,000,000 annual aggregate. If CONSULTANT's Professional Liability Insurance is written
7 on a claims made basis rather than an occurrence basis, such insurance shall continue through the term
8 of this Agreement and CONSULTANT shall purchase at his sole expense either 1) an Extended Reporting
9 Endorsement (also, known as Tail Coverage); or 2) Prior Dates Coverage from new insurer with a
10 retroactive date back to the date of, or prior to, the inception of this Agreement; or 3) demonstrate through
11 Certificates of Insurance that CONSULTANT has Maintained continuous coverage with the same or original
12 insurer. Coverage provided under items; 1), 2), or 3) will continue as long as the law allows.

13 5. General Insurance Provisions - All lines:

14 a. Any insurance carrier providing insurance coverage hereunder shall be admitted to the State of
15 California and have an A M BEST rating of not less than A: VIII (A:8) unless such requirements are
16 waived, in writing, by the County Risk Manager. If the County's Risk Manager waives a requirement for
17 a particular insurer such waiver is only valid for that specific insurer and only for one policy term.

18 b. The CONSULTANT must declare its insurance self-insured retention for each coverage required
19 herein. If any such self-insured retention exceed \$500,000 per occurrence each such retention shall
20 have the prior written consent of the County Risk Manager before the commencement of operations
21 under this Agreement. Upon notification of self-insured retention unacceptable to the COUNTY, and at
22 the election of the Country's Risk Manager, CONSULTANT'S carriers shall either; 1) reduce or
23 eliminate such self-insured retention as respects this Agreement with the COUNTY, or 2) procure a
24 bond which guarantees payment of losses and related investigations, claims administration, and
25 defense costs and expenses.

26 c. CONSULTANT shall cause CONSULTANT'S insurance carrier(s) to furnish the County of Riverside
27 with either 1) a properly executed original Certificate(s) of Insurance and certified original copies of
28 Endorsements effecting coverage as required herein, and 2) if requested to do so orally or in writing by
29 the County Risk Manager, provide original Certified copies of policies including all Endorsements and

1 all attachments thereto, showing such insurance is in full force and effect. Further, said Certificate(s)
2 and policies of insurance shall contain the covenant of the insurance carrier(s) that thirty (30) days
3 written notice shall be given to the County of Riverside prior to any material modification, cancellation,
4 expiration or reduction in coverage of such insurance. In the event of a material modification,
5 cancellation, expiration, or reduction in coverage, this Agreement shall terminate forthwith, unless the
6 County of Riverside receives, prior to such effective date, another properly executed original Certificate
7 of Insurance and original copies of endorsements or certified original policies, including all
8 endorsements and attachments thereto evidencing coverage's set forth herein and the insurance
9 required herein is in full force and effect. CONSULTANT shall not commence operations until the
10 COUNTY has been furnished original Certificate (s) of Insurance and certified original copies of
11 endorsements and if requested, certified original policies of insurance including all endorsements and
12 any and all other attachments as required in this Section. An individual authorized by the insurance
13 carrier to do so on its behalf shall sign the original endorsements for each policy and the Certificate of
14 Insurance.

- 15 d. It is understood and agreed to by the parties hereto that the CONSULTANT'S insurance shall be
16 construed as primary insurance, and the COUNTY'S insurance and/or deductibles and/or self-insured
17 retention's or self-insured programs shall not be construed as contributory.
- 18 e. If, during the term of this Agreement or any extension thereof, there is a material change in the scope
19 of services; or, there is a material change in the equipment to be used in the performance of the scope
20 of work; or, the term of this Agreement, including any extensions thereof, exceeds five (5) years; the
21 COUNTY reserves the right to adjust the types of insurance and the monetary limits of liability required
22 under this Agreement, if in the County Risk Manager's reasonable judgment, the amount or type of
23 insurance carried by the CONSULTANT has become inadequate.
- 24 f. CONSULTANT shall pass down the insurance obligations contained herein to all tiers of subconsultants
25 working under this Agreement.
- 26 g. The insurance requirements contained in this Agreement may be met with a program(s) of self-
27 insurance acceptable to the COUNTY.
- 28 h. CONSULTANT agrees to notify COUNTY of any claim by a third party or any incident or event that may
29 give rise to a claim arising from the performance of this Agreement.

1 **ARTICLE XXV OWNERSHIP OF DATA**

- 2 A. Ownership and title to all reports, documents, plans, specifications, and estimates produce as part of this
3 contract will automatically be vested in COUNTY; and no further agreement will be necessary to transfer
4 ownership to COUNTY. CONSULTANT shall furnish COUNTY all necessary copies of data needed to complete
5 the review and approval process.
- 6 B. It is understood and agreed that all calculations, drawings and specifications, whether in hard copy or machine-
7 readable form, are intended for one-time use in the construction of any project for which this contract has been
8 entered into.
- 9 C. CONSULTANT is not liable for claims, liabilities, or losses arising out of, or connected with the modification, or
10 misuse by COUNTY of the machine-readable information and data provided by CONSULTANT under this
11 contract; further, CONSULTANT is not liable for claims, liabilities, or losses arising out of, or connected with
12 any use by COUNTY of project documentation on other projects, for additions to a project, or for the completion
13 of a project by others, except only such use as may be authorized in writing by CONSULTANT.
- 14 D. Applicable patent rights provisions regarding rights to inventions shall be included in the contracts as
15 appropriate (48 CFR 27, Subpart 27.3 - Patent Rights under Government Contracts for federal-aid contracts).
- 16 E. COUNTY may permit copyrighting reports or other agreement products. If copyrights are permitted; the
17 agreement shall provide that the COUNTY shall have the royalty-free nonexclusive and irrevocable right to
18 reproduce, publish, or otherwise use; and to authorize others to use, the work for government purposes.

19 **ARTICLE XXVI CLAIMS FILED BY COUNTY'S CONSTRUCTION CONTRACTOR**

- 20 A. If claims are filed by COUNTY's construction contractor relating to work performed by CONSULTANT's
21 personnel, and additional information or assistance from CONSULTANT's personnel is required in order to
22 evaluate or defend against such claims; CONSULTANT agrees to make its personnel available for consultation
23 with COUNTY'S construction contract administration and legal staff and for testimony, if necessary, at
24 depositions and at trial or arbitration proceedings.
- 25 B. CONSULTANT's personnel that COUNTY considers essential to assist in defending against construction
26 contractor claims will be made available on reasonable notice from COUNTY. Consultation or testimony will
27 be reimbursed at the same rates, including travel costs that are being paid for CONSULTANT's personnel
28 services under this contract.
- 29 C. Services of CONSULTANT's personnel in connection with COUNTY's construction contractor claims will be

1 performed pursuant to a written contract amendment, if necessary, extending the termination date of this
2 contract in order to resolve the construction claims.

3 **ARTICLE XXVII CONFIDENTIALITY OF DATA**

4 A. All financial, statistical, personal, technical, or other data and information relative to COUNTY's operations,
5 which are designated confidential by COUNTY and made available to CONSULTANT in order to carry out this
6 contract, shall be protected by CONSULTANT from unauthorized use and disclosure.

7 B. Permission to disclose information on one occasion, or public hearing held by COUNTY relating to the contract,
8 shall not authorize CONSULTANT to further disclose such information, or disseminate the same on any other
9 occasion.

10 C. CONSULTANT shall not comment publicly to the press or any other media regarding the contract or COUNTY's
11 actions on the same, except to COUNTY's staff, CONSULTANT's own personnel involved in the performance
12 of this contract, at public hearings or in response to questions from a Legislative committee.

13 D. CONSULTANT shall not issue any news release or public relations item of any nature, whatsoever, regarding
14 work performed or to be performed under this contract without prior review of the contents thereof by COUNTY,
15 and receipt of COUNTY'S written permission.

16 E. Any subcontract entered into as a result of this contract shall contain all of the provisions of this Article.

17 F. All information related to the construction estimate is confidential, and shall not be disclosed by CONSULTANT
18 to any entity other than COUNTY.

19 **ARTICLE XXVIII NATIONAL LABOR RELATIONS BOARD CERTIFICATION**

20 In accordance with Public Contract Code Section 10296, CONSULTANT hereby states under penalty of perjury
21 that no more than one final unappealable finding of contempt of court by a federal court has been issued against
22 CONSULTANT within the immediately preceding two-year period, because of CONSULTANT's failure to comply
23 with an order of a federal court that orders CONSULTANT to comply with an order of the National Labor Relations
24 Board.

25 **ARTICLE XXIX LEGAL COMPLIANCE**

26 CONSULTANT shall comply with all Federal, State and local laws, statutes, ordinances, rules and regulations, and
27 the orders and decrees of any courts or administrative bodies or tribunals currently in effect and in any manner
28 affecting the performance of this Agreement, including, without limitation, workers' compensation laws and licensing
29 and regulations. Failure to comply by CONSULTANT may be grounds for termination by the COUNTY.

1 **ARTICLE XXX EVALUATION OF CONSULTANT**

2 CONSULTANT's performance may be evaluated by COUNTY. A copy of the evaluation will be sent to
3 CONSULTANT for comments. The evaluation together with the comments shall be retained as part of the contract
4 record.

5 **ARTICLE XXXI RETENTION OF FUNDS**

- 6 A. Any subcontract entered into as a result of this Contract shall contain all of the provisions of this Article.
- 7 B. COUNTY will withhold the last 10 percent of the budget for preparation of any final PS&E documents. The 10
8 percent retainage is to be held after 90% of the PS&E phase has been billed and is not to be deducted from
9 each invoice. The amount retained will be paid to CONSULTANT after COUNTY has approved
10 CONSULTANT's PS&E documents. The CONSULTANT, or subconsultant, shall return all monies withheld in
11 retention from a subconsultant within thirty (30) days after receiving payment. Federal law (49 CFR 26.29)
12 requires that any delay or postponement of payment over thirty (30) days may take place only for good cause
13 and with the COUNTY's prior written approval. Any violation of this provision shall subject the violating
14 CONSULTANT or subconsultant to the penalties, sanctions and other remedies specified in Section 7108.5 of
15 the Business and Professions Code. These requirements shall not be construed to limit or impair any
16 contractual, administrative, or judicial remedies, otherwise available to the CONSULTANT or subconsultant in
17 the event of a dispute involving late payment or nonpayment by the CONSULTANT, deficient subconsultant
18 performance, or noncompliance by a subconsultant. This provision applies to both DBE and non-DBE prime
19 consultant and subconsultants.

20 **ARTICLE XXXII NOTIFICATION**

21 All notices hereunder and communications regarding interpretation of the terms of this contract and changes
22 thereto, shall be effected by the mailing thereof by registered or certified mail, return receipt requested, postage
23 prepaid, and addressed to the CONSULTANT's Contract Manager and COUNTY's Contract Administrator at the
24 respective addresses provided in Article I.B.

25 **ARTICLE XXXIII CONTRACT**

26 The two parties to this contract, who are the before named CONSULTANT and the before named COUNTY, hereby
27 agree that this contract constitutes the entire agreement which is made and concluded in duplicate between the two
28 parties. Both of these parties for and in consideration of the payments to be made, conditions mentioned, and work
29 to be performed; each agree to diligently perform in accordance with the terms and conditions of this contract as

1 evidenced by the signatures below.

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SIGNATURE PAGE FOLLOWS

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ARTICLE XXXIV • APPROVALS

COUNTY Approvals

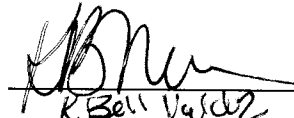
RECOMMENDED FOR APPROVAL:

 Dated: 8-1-2019


PATRICIA ROMO
Director of Transportation

APPROVED AS TO FORM:

GREGORY P. PRIAMOS, County Counsel

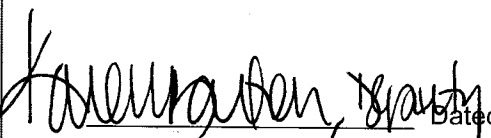
 Dated: 8/1/19
By Deputy

APPROVAL BY THE BOARD OF SUPERVISORS

 Dated: AUG 27 2019

KEVIN JEFFRIES
PRINTED NAME
Chairman, Riverside County Board of Supervisors


ATTEST:

 Dated: AUG 27 2019

KECIA HARPER-HEM
Clerk of the Board (SEAL)

CONSULTANT Approvals

CONSULTANT:

 Dated: 7.22.19

AGUSTIN CHANG
PRINTED NAME
VICE PRESIDENT
TITLE

CONSULTANT:

_____ Dated: _____

PRINTED NAME

TITLE

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ARTICLE AI • INTRODUCTION

A. DESCRIPTION

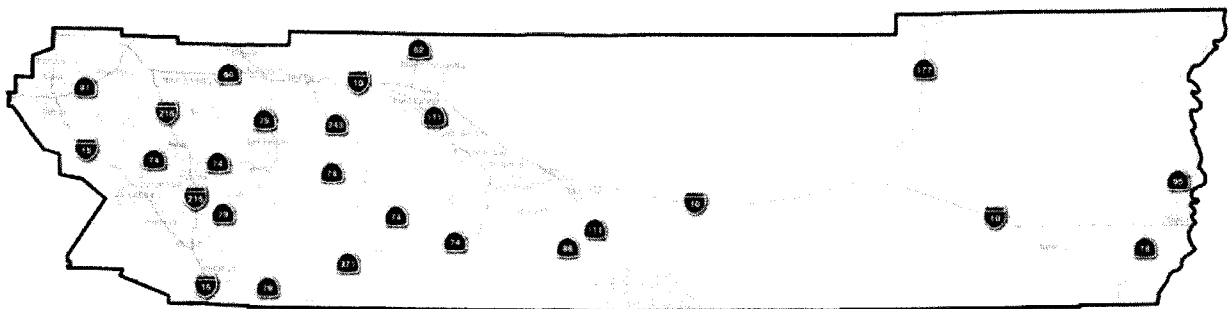
The County of Riverside Transportation Department (County) is seeking On-Call Engineering Services to augment its in-house resources to deliver necessary Road Improvement Projects (Projects) with the required expertise and staff capabilities to meet project schedules and/or deadlines. Projects may either be identified or funded in the Transportation Improvement Program (TIP) or through the Land Development Review and Plan Check Process.

The County Projects may require coordination with various Federal, State, and/or local agencies. It is anticipated that state funding may be used for On-Call Engineering Services work, all contracts will be in accordance with the County’s Consulting Services Manual and/or Caltrans Local Assistance Procedures Manual (LAPM) as well as all applicable County and Caltrans standard practices, regulations, policies, procedures, manuals and standards, as appropriate and may also include compliance with Federal Highway Administration requirements.

B. LOCATION

On-call Task Orders may be located anywhere within the jurisdictional boundaries of the County of Riverside as outlined in the map shown below.

Map of the County of Riverside



C. COORDINATION

CONSULTANT shall coordinate with other involved agencies for compatible design and phasing of construction with existing conditions.

D. STANDARDS

The Plans, Specifications and Estimates shall be prepared in accordance with current State Department of Transportation (CALTRANS) regulations, policies, procedures, manuals and standards including compliance

1 with Federal Highway Administration (FHWA) requirements and/or County Road Standards as appropriate.
2 Improvements of local roads may be prepared in accordance with COUNTY standards in lieu of CALTRANS
3 standards as directed by the COUNTY's Contract Administrator. CONSULTANT will prepare fact sheets for
4 COUNTY approval, documenting the exceptions to mandatory and advisory design standards. All documents
5 shall be prepared using English Standard Units and dimensions.

6 **1. Environmental**

7 Environmental documents and services shall be performed in accordance with CALTRANS Standard
8 Environmental Reference (SER) including requirements of the California Environmental Quality Act (CEQA)
9 and the National Environmental Policy Act (NEPA) if a project has a Federal nexus.

10 **2. Survey**

11 Supplemental surveys shall be performed by the CONSULTANT in accordance with the current CALTRANS
12 "Survey Manual" and its revisions. Work not covered by the manual shall be performed in accordance with
13 accepted professional surveying standards as approved by COUNTY.

14 **3. Design**

15 Roadway design shall be in accordance with the current CALTRANS Highway Design Manual and its
16 revisions and/or COUNTY Road Standards as appropriate. Traffic design shall be in accordance with the
17 Manual of Uniform Traffic Control Devices (MUTCD) and the California Supplement. Basic design shall be
18 in accordance with the approved Technical Report and final Environmental Document including any
19 supplements and/or updates. Microstation (compatible with current CALTRANS version) software will be
20 used as the design software.

21 **4. Geographical Information System (GIS)**

- 22 a. "GIS Information" shall include GIS digital files (including the information or data contained therein)
23 and any other information, data, or documentation from COUNTY GIS (regardless of medium or
24 format) that is provided pursuant to this Agreement.
- 25 b. CONSULTANT acknowledges that the unauthorized use, transfer, assignment, sublicensing, or
26 disclosure of the GIS information, documentation, or copies thereof will substantially diminish their
27 value to COUNTY. CONSULTANT acknowledges and agrees that COUNTY GIS information is a
28 valuable proprietary product, embodying substantial creative efforts, trade secrets, and confidential
29

1 information and ideas. COUNTY GIS information is and shall remain the sole property of COUNTY;
2 and there is no intention of COUNTY to transfer ownership of COUNTY GIS information.

- 3
- 4 c. COUNTY GIS information is made available to CONSULTANT solely for use in the normal course of
5 CONSULTANT's business to produce reports, analysis, maps and other deliverables only for a specific
6 PROJECT and as described within the Scope of Services.
- 7 d. CONSULTANT agrees to indemnify and hold harmless COUNTY, its officers, employees and agents
8 from any and all liabilities, claims, actions, losses or damages relating to or arising from
9 CONSULTANT's use of COUNTY GIS information.
- 10 e. GIS information cannot be used for all purposes; and GIS information may not be complete for all
11 purposes. Additional investigation or research by CONSULTANT into other sources will be required.
12 GIS information is intended only as an information base and is not intended to replace any legal
13 records. COUNTY has used and will continue to use its best efforts to correctly input into COUNTY
14 GIS the information contained in various legal and other records; but COUNTY accepts no
15 responsibility for any conflict with actual legal records or for information not transferred from legal
16 records to COUNTY GIS. COUNTY has attempted to update GIS information as often as is practically
17 feasible. However, CONSULTANT should be aware that GIS information may not be current and
18 changes or additions to the information contained in COUNTY GIS may not yet be reflected in
19 COUNTY GIS.
- 20 f. COUNTY accepts no responsibility for the use of GIS information; and COUNTY provides no warranty
21 for the use of COUNTY GIS or COUNTY GIS information by CONSULTANT. THE WARRANTIES
22 SPECIFICALLY SET FORTH IN THIS AGREEMENT ARE IN LIEU OF ALL OTHER WARRANTIES,
23 EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS
24 FOR A PARTICULAR PURPOSE; AND SUCH OTHER WARRANTIES ARE HEREBY EXCLUDED.
- 25 g. Final plans, drawings or other work products will be provided in an electronic format suitable for
26 inclusion within the COUNTY GIS or CADD Systems by CONSULTANT and will contain the
27 appropriate meta data and will be geographically registered using a appropriate coordinate system
28 such as the California State Plane Coordinate System NAD 83.

29 **5. Project Files**

1 Project files shall be indexed in accordance with CALTRANS' Project Development Uniform File System.

2 **E. QUALITY CONTROL**

- 3
- 4 1. CONSULTANT shall implement and maintain the following quality control procedures during the
- 5 preparation of the plans and documents relating to this Contract. CONSULTANT shall have a quality
- 6 control plan in effect during the entire time services are being performed under this Agreement. The plan
- 7 shall establish a process whereby calculations are independently checked, plans checked, corrected and
- 8 back-checked, and all job related correspondence and memoranda routed and received by affected
- 9 persons and then bound in appropriate job files. Where several drawings show different work in the same
- 10 area, means shall be provided to avoid conflicts and misalignment in both new and existing improvements.
- 11 Evidence that the quality control plan is functional may be requested by the COUNTY Contract
- 12 Administrator. All plans, calculations documents and other items submitted to the COUNTY Contract
- 13 Administrator for review shall be marked clearly as being fully checked and that the preparation of the
- 14 material followed the quality control plan established for the work.
- 15
- 16 2. CONSULTANT has total responsibility for the accuracy and completeness of all data, reports, plans,
- 17 specifications and estimates prepared for this Contract and shall check all such material accordingly.
- 18 COUNTY will review all work product deliverables. The responsibility for accuracy and completeness of
- 19 such items remains solely that of CONSULTANT. Neither COUNTY'S review nor approval shall give rise
- 20 to any liability or responsibility on the part of COUNTY, or waive any of COUNTY'S rights, or relieve
- 21 CONSULTANT of its professional responsibilities or obligations under this Agreement.
- 22
- 23 3. The plans, designs, estimates, calculations, reports and other documents furnished in accordance with
- 24 the Scope of Services shall meet the criteria for acceptance and be a product of neat appearance, well
- 25 organized, technically and grammatically correct, checked and having the preparer and checker identified.
- 26 The minimum standard of appearance, organization and contents shall be of similar types produced by
- 27 COUNTY and AGENCIES. If any work product submitted is not complete and ready for use by COUNTY,
- 28 it shall be marked "Draft" or similar designation to indicate it is not ready for use by COUNTY. COUNTY
- 29 expects that all work product not so designated is ready for and can be used as a final product.
4. The page identifying preparers of engineering reports, the title sheet for specifications and each sheet of
- plans, shall bear the professional seal, certificate number, registration classification, expiration date of the

1 certificate, and signature of the professional engineer(s) responsible for their preparation.

2 **F. KEY PERSONNEL**

3 The CONSULTANT has represented to the COUNTY that certain key personnel will perform the services and
4 if one or more of such personnel should become unavailable, CONSULTANT may substitute other personnel
5 of at least equal competence only after prior written approval by the COUNTY's Contract Administrator has
6 been secured. The key personnel for performance of this Contract are:

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8 Assignment	Key Personnel
9 Principal in Charge	Agustin Chang, ENV SP
10 Project Manager	Arief Naftali, PE, TE, EE, ENV SP
11 Lead Roadway Engineer	Kimberly (Raetz) Wender, PE, QSD, ENV SP
12 Lead Structures Engineer	Douglas Fredericks, PE, ENV SP
13 Lead Environmental Planner	Josephine Alido, AICP
14 QA/QC Engineer	Timothy Hayes, PE, QSD

15 **G. COUNTY RESPONSIBILITIES**

16 The following includes tasks to be completed by the COUNTY:

- 17
- 18 • COUNTY will provide standards, existing plans, and manuals when requested by CONSULTANT and
19 available to COUNTY personnel.
 - 20 • COUNTY will provide survey and land acquisition services generally as described below:
 - 21 - Provide survey controls.
 - 22 - Verify that County survey control points are still in place and undisturbed.
 - 23 - Provide survey records research, including grant deeds and right-of-way documents in support
24 of right-of-way base mapping prepared by COUNTY surveyor.
 - 25 - Prepare existing right-of-way and parcel mapping.
 - 26 - Coordinate permits for right-of-entry with property owners.
 - 27 - Obtain and review title reports, identify easements and encumbrances.
 - 28 - Prepare appraisals for temporary and permanent right-of-way and perform appraisal review.
 - 29 - Perform right-of-way negotiations and acquisitions.
 - Certify new acquired right-of-way.

ARTICLE AII • CONTRACT ADMINISTRATION

A. CONTRACT MANAGEMENT

The CONSULTANT's Contract Manager will maintain ongoing liaison with the COUNTY's Contract Administrator and other effected agencies to promote effective coordination during the course of working on Task Orders.

B. COST ACCOUNTING

The CONSULTANT will prepare and submit monthly invoices of expenditures for each on-call Task Order. Expenditures include direct labor costs, other direct costs and subconsultant costs. All Invoices will include all supporting data.

C. SCHEDULING

Schedules will be prepared for each specific Task Order.

ARTICLE AIII • SERVICES TO BE PROVIDED/SCOPE OF WORK

The scope of work for this contract is to provide on-call services to the Riverside County Transportation Department for transportation related services located throughout Riverside County. Services will be performed at the request of the COUNTY's Contract Administrator. CONSULTANT and COUNTY shall negotiate and establish a cost estimate that is consistent with the services listed below and the CONSULTANT's billing rates as provided in Attachment C. Each Task Order shall be memorialized in writing and approved by the Director of Transportation and by the CONSULTANT's Contract Manager or authorized designees. The sum of the Task Orders cost estimates authorized in each year shall not exceed the maximum annual amount. The CONSULTANT may be required to provide on-call services that include but are not limited to the following:

A. ROADWAY/HIGHWAY ENGINEERING TASKS

1. Perform drainage analysis and prepare hydrology reports.
2. Perform environmental studies and prepare environmental reports, including WQMPs.
3. Perform quantity take offs and prepare engineer estimates.
4. Prepare roadway/highway engineering plans and specifications.
5. Prepare landscaping plans and specifications.
6. Prepare Structural Plans and specifications.
7. Prepare Traffic Signal, Pavement Delineation, Signing, Street Light, traffic control plans and

On-Call Engineering Services –Roadway/Highway Engineering

1 specifications.

2 8. NPDES erosion control plans/ WQMP implementation plans.

3 9. Right-of-way requirement maps.

4 10. Perform utility coordination activities.

5 11. Agreement Preparation.

6 12. Prepare engineering land surveys.

7 13. Perform public outreach.

8 14. Provide other roadway/highway engineering related professional services as required.

9 15. Project Management (must provide signed LAPM Exhibit 10-U prior to each Project Management
10 assignment).

11 16. Perform exploratory potholing for Utility Location.

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13 *All plans shall be prepared and submitted using County approved versions of MicroStation V8i software.
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ATTACHMENT B • SCHEDULE OF SERVICES

ARTICLE BI • INTRODUCTION

The CONSULTANT shall perform the covenants set forth in Attachment A, Scope of Services in accordance with the performance requirements of Article IV and with the following Schedule of Services. This Contract shall permit the issuance of Task Orders until June 30, 2022. COUNTY and CONSULTANT may enter into one-year supplemental extensions to this contract for the purpose of authorizing Task Orders. This authorization of Task Orders may be extended up to two (2) times, for a period not to exceed two (2) years from the original date of the Contract. All Task Orders authorized under this Contract must therefore be authorized no later than June 30, 2024. All services authorized by Task Orders shall be completed within two (2) years of the final authorized date for approving Task Orders. All Task Order services authorized in this Contract shall therefore be completed no later than June 30, 2024.

Contract expiration time frames for issuance of work authorizations:

Contract	Execution Date to June 30, 2022	
Supplemental 1	July 1, 2022 to June 30, 2023	Transportation Director or Board of Supervisors
Supplemental 2	July 1, 2023 to June 30, 2024	Transportation Director or Board of Supervisors

Deliverables/Services schedules will be prepared for each specific Task Order that the CONSULTANT is assigned.

ARTICLE BII • PERFORMANCE REQUIREMENTS

A. SUBMITTALS

Where CONSULTANT is required to prepare and submit studies, reports, plans, etc., to COUNTY, these shall be submitted in draft as scheduled, and the opportunity provided for COUNTY and AGENCIES to offer comments prior to final submission.

B. TIME EXTENSIONS

- Any delay in providing services required by this contract occasioned by causes beyond the control and not due to the fault or negligence of CONSULTANT, shall be the reason for granting an extension of time for the completion of the aforesaid work. When such delay occurs, CONSULTANT shall promptly notify COUNTY in writing of the cause and of the extent of the delay whereupon COUNTY shall ascertain the facts and the extent of the delay and grant an extension of time for the completion of the work when, in COUNTY's judgment, their findings of fact justify such an extension of time.

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2. COUNTY's findings of fact shall be final and conclusive to the parties hereto. However, this is not intended to deny CONSULTANT of any available civil legal remedies in the event of a dispute

C. FINAL ACCEPTANCE

When COUNTY determines that CONSULTANT has satisfactorily completed the services, COUNTY may give CONSULTANT a written Notice of Final Acceptance. CONSULTANT shall not incur any further costs hereunder unless so specified in the Notice of Final Acceptance. CONSULTANT may request a Notice of Final Acceptance determination when, in its opinion, it has satisfactorily completed all covenants as stipulated in this contract.

ATTACHMENT C • COMPENSATION PLAN

ARTICLE CI • INTRODUCTION

Satisfactory performance and completion of the Services under this Agreement shall be compensated based upon the Billing Rates Worksheets attached hereto and based on a negotiated cost estimate for each specific Task Order. COUNTY will compensate CONSULTANT for hours worked by CONSULTANT's staff in performance of the work in accordance with the attached Billing Rates Worksheet. Actual costs for any Task Order shall not exceed the authorized cost estimate. If actual costs are expected to exceed the amount authorized, a new, separate Task Order and associated cost estimate must be authorized prior to incurrence of any cost that exceeds the amount authorized. The sum of the Task Order cost estimates authorized in each year shall not exceed the maximum annual amount.

ARTICLE CII • ELEMENTS OF COMPENSATION

Compensation for the services provided will be comprised of the following elements: DIRECT LABOR COSTS, OTHER DIRECT COSTS and OUTSIDE SERVICES.

A. DIRECT LABOR COSTS

Direct Labor costs shall be paid in an amount equal to the billing rates provided in the Billing Rates Worksheets attached hereto. Billing rates for staff positions not listed in the billing rates shall be approved by the COUNTY.

B. OTHER DIRECT EXPENSES

Additional Direct Costs, directly identifiable to the performance of the services of this Agreement, shall be reimbursed at the rates defined in each Task Order, or at actual invoiced cost. Travel by air and/or travel in excess of 100 miles from CONSULTANT's office nearest to the COUNTY's office and/or Task Order must have COUNTY's prior written approval to be reimbursed under this Agreement.

C. OUTSIDE SERVICES

Outside services shall be paid in accordance with the negotiated cost proposal for each Task Order and in conformance with the COUNTY Consulting Services Manual invoicing procedures. Firms proposed to provide sub consulting services under this contract are listed below:

Arellano Associates

Briggs Cardoso Associates

C Below Inc

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- Epic Land Solutions
- LaBelle Marvin Inc
- Can Dyke Landscape Architects, Inc

ARTICLE CIII • INVOICING

CONSULTANT shall submit invoices in accordance with the On-Call Services Agreement ARTICLE V: ALLOWABLE COSTS AND PAYMENTS and with the following requirements.

1. Charges shall be billed in accordance with the terms and rates included herein, unless otherwise agreed in writing by the COUNTY's Contract Administrator.
2. Billings for direct labor, other direct expenses and outside services shall be included in CONSULTANT's monthly invoice submittals and be in conformance with the COUNTY's Consulting Services Invoicing Procedures.
3. The charges for each individual assigned under this Contract shall be listed separately.
4. Charges for Direct Costs shall be accompanied by substantiating documentation such as invoices, telephone logs, etc.
5. Each invoice shall bear a certification signed by the CONSULTANT's Contract Manager or an officer of the firm which reads as follows:

I hereby certify that the hours and salary rates charged in this invoice are the actual hours and rates worked and paid to the employees listed.

ARTICLE CIV • PAYMENT

Progress payments shall be made in accordance with the On-Call Services Agreement ARTICLE V: ALLOWABLE COSTS AND PAYMENTS.

ARTICLE CV • COST PROPOSAL

The total annual amount of services to be performed under this contract shall not exceed [\$250,000] unless approved in writing by the COUNTY.

Annual Budget Amount:

<u>Year</u>	<u>Amount</u>
Contract Execution Date to June 30, 2020	[\$250,000]

On-Call Engineering Services – Roadway/Highway Engineering

1	July 1, 2020 to June 30, 2021	[\$250,000]
2	July 1, 2021 to June 30, 2022	[\$250,000]
3	July 1, 2022 to June 30, 2023	[\$250,000] (Requires Transportation Director or Board Approval)
4	July 1, 2023 to June 30, 2024	[\$250,000] (Requires Transportation Director or Board Approval)

ARTICLE CVI • BILLING RATES

7 Billing rates are subject to the following:

8 **A. PREMIUM OVERTIME PEMIUM OVERTIME**

9 Billing rates shall be applicable to both straight time and overtime work unless payment of premium for
10 overtime work is required by law, regulation or craft agreement, or is otherwise specified in the On-Call
11 Services Contract. In such event, the premium portion of the Direct Salary Costs will not be subject to the
12 Multiplier.

13 **B. BILLING RATES**

14 Billing rates shown herein are in effect for five (5) years from the effective date of the contract.
15 CONSULTANT shall notify COUNTY in writing requesting a change in the rates included herein. All
16 adjustments to rates shall be subject to approval by the Transportation Director, or their designee.
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Cost Proposal

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 3
 SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
 (CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed
 Consultant PSOMAS

Project No. _____ Contract No. _____ Participation Amount \$ _____ Date _____
 Prime Consultant Subconsultant 2nd Tier Subconsultant

For Combined Rate	Fringe Benefit % + General & Administrative % = 189.66%	Combined ICR%
OR		
For Home Office Rate	Fringe Benefit % + General & Administrative % = 0.00%	Home Office ICR%
For Field Office Rate	Fringe Benefit % + General & Administrative % = 0.00%	Field Office ICR%
	Fee =	10%

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²		Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ³	% or \$ Increase	Hourly Range - for Classifications Only
	Straight	OT(1.5x)	OT(2x)	From			
Augie Chang* / Principal-In-Charge / Principal	\$246.49	\$246.49	\$246.49	07/01/2019	\$77.36	4%	Not Applicable
	\$256.35	\$256.35	\$256.35	07/01/2020	\$80.45	4%	
	\$266.60	\$266.60	\$266.60	07/01/2021	\$83.67	4%	
	\$277.27	\$277.27	\$277.27	07/01/2022	\$87.02	4%	
Arief Naftali* / Project Manager / Sr. Project Manager	\$288.36	\$288.36	\$288.36	07/01/2023	\$90.50	4%	Not Applicable
	\$227.72	\$227.72	\$227.72	07/01/2019	\$71.47	4%	
	\$236.83	\$236.83	\$236.83	07/01/2020	\$74.33	4%	
	\$246.30	\$246.30	\$246.30	07/01/2021	\$77.30	4%	
Tim Hayes* / QA/QC Manager / Director	\$256.16	\$256.16	\$256.16	07/01/2022	\$80.39	4%	Not Applicable
	\$266.40	\$266.40	\$266.40	07/01/2023	\$83.61	4%	
	\$270.19	\$270.19	\$270.19	07/01/2019	\$84.80	4%	
	\$281.00	\$281.00	\$281.00	07/01/2020	\$88.19	4%	
Chelsi Remme* / Drainage Manager / Project Engineer	\$292.24	\$292.24	\$292.24	07/01/2021	\$91.72	4%	Not Applicable
	\$303.93	\$303.93	\$303.93	07/01/2022	\$95.39	4%	
	\$316.09	\$316.09	\$316.09	07/01/2023	\$99.20	4%	
	\$109.73	\$109.73	\$109.73	07/01/2019	\$34.44	4%	
	\$114.12	\$114.12	\$114.12	07/01/2020	\$35.82	4%	
	\$118.69	\$118.69	\$118.69	07/01/2021	\$37.25	4%	
	\$123.44	\$123.44	\$123.44	07/01/2022	\$38.74	4%	
	\$128.37	\$128.37	\$128.37	07/01/2023	\$40.29	4%	

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²			Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ⁴	% or \$ Increase	Hourly Range - for Classifications Only
	Straight	OT(1.5x)	OT(2x)	From	To			
Kimberly Wender* / Roadway Manager / Sr. Project Engineer	\$148.99	\$148.99	\$148.99	07/01/2019	06/30/2020	\$46.76	4%	Not Applicable
	\$154.95	\$154.95	\$154.95	07/01/2020	06/30/2021	\$48.63	4%	
	\$161.15	\$161.15	\$161.15	07/01/2021	06/30/2022	\$50.58	4%	
	\$167.59	\$167.59	\$167.59	07/01/2022	06/30/2023	\$52.60	4%	
	\$174.30	\$174.30	\$174.30	07/01/2023	06/30/2024	\$54.70	4%	
Vincent Hellens* / Roadway Engineer / Sr. Project Engineer	\$160.87	\$160.87	\$160.87	07/01/2019	06/30/2020	\$50.49	4%	Not Applicable
	\$167.31	\$167.31	\$167.31	07/01/2020	06/30/2021	\$52.51	4%	
	\$174.00	\$174.00	\$174.00	07/01/2021	06/30/2022	\$54.61	4%	
	\$180.96	\$180.96	\$180.96	07/01/2022	06/30/2023	\$56.79	4%	
	\$188.20	\$188.20	\$188.20	07/01/2023	06/30/2024	\$59.07	4%	
Douglas Fredericks* / Structure Manager / Sr. Project Manager	\$269.59	\$269.59	\$269.59	07/01/2019	06/30/2020	\$84.61	4%	Not Applicable
	\$280.37	\$280.37	\$280.37	07/01/2020	06/30/2021	\$87.99	4%	
	\$291.59	\$291.59	\$291.59	07/01/2021	06/30/2022	\$91.51	4%	
	\$303.25	\$303.25	\$303.25	07/01/2022	06/30/2023	\$95.17	4%	
	\$315.38	\$315.38	\$315.38	07/01/2023	06/30/2024	\$98.98	4%	
Jennifer Marks* / Environmental Manager / Sr. Project Manager	\$205.42	\$205.42	\$205.42	07/01/2019	06/30/2020	\$64.47	4%	Not Applicable
	\$213.63	\$213.63	\$213.63	07/01/2020	06/30/2021	\$67.05	4%	
	\$222.18	\$222.18	\$222.18	07/01/2021	06/30/2022	\$69.73	4%	
	\$231.07	\$231.07	\$231.07	07/01/2022	06/30/2023	\$72.52	4%	
	\$240.31	\$240.31	\$240.31	07/01/2023	06/30/2024	\$75.42	4%	
Roadway Engineer / Licensed Professional Engineer	\$140.20	\$140.20	\$140.20	07/01/2019	06/30/2020	\$44.00	4%	\$40.00 - \$55.00
	\$145.80	\$145.80	\$145.80	07/01/2020	06/30/2021	\$45.76	4%	
	\$151.64	\$151.64	\$151.64	07/01/2021	06/30/2022	\$47.59	4%	
	\$157.70	\$157.70	\$157.70	07/01/2022	06/30/2023	\$49.49	4%	
	\$164.01	\$164.01	\$164.01	07/01/2023	06/30/2024	\$51.47	4%	
Roadway Engineer / Project Designer	\$109.93	\$109.93	\$109.93	07/01/2019	06/30/2020	\$34.50	4%	\$28.00 - \$45.00
	\$114.32	\$114.32	\$114.32	07/01/2020	06/30/2021	\$35.88	4%	
	\$118.90	\$118.90	\$118.90	07/01/2021	06/30/2022	\$37.32	4%	
	\$123.65	\$123.65	\$123.65	07/01/2022	06/30/2023	\$38.81	4%	
	\$128.60	\$128.60	\$128.60	07/01/2023	06/30/2024	\$40.36	4%	
Roadway Engineer / CAD Designer	\$143.38	\$143.38	\$143.38	07/01/2019	06/30/2020	\$45.00	4%	\$30.00 - \$50.00
	\$149.12	\$149.12	\$149.12	07/01/2020	06/30/2021	\$46.80	4%	
	\$155.08	\$155.08	\$155.08	07/01/2021	06/30/2022	\$48.67	4%	
	\$161.28	\$161.28	\$161.28	07/01/2022	06/30/2023	\$50.62	4%	
	\$167.74	\$167.74	\$167.74	07/01/2023	06/30/2024	\$52.64	4%	

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²		Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ⁴	% or \$ Increase	Hourly Range - for Classifications Only	
	Straight	OT(1.5x)	OT(2x)	From				To
Roadway Engineer / Staff Engineer	\$143.38	\$143.38	\$143.38	07/01/2019	06/30/2020	\$45.00	4%	\$30.00 - \$50.00
	\$149.12	\$149.12	\$149.12	07/01/2020	06/30/2021	\$46.80	4%	
	\$155.08	\$155.08	\$155.08	07/01/2021	06/30/2022	\$48.67	4%	
	\$161.28	\$161.28	\$161.28	07/01/2022	06/30/2023	\$50.62	4%	
	\$167.74	\$167.74	\$167.74	07/01/2023	06/30/2024	\$52.64	4%	
Giovanna Tsouloufas / Project Administrator / Project Assistant	\$101.93	\$101.93	\$101.93	07/01/2019	06/30/2020	\$31.99	4%	\$25.00 - \$35.00
	\$106.01	\$106.01	\$106.01	07/01/2020	06/30/2021	\$33.27	4%	
	\$110.25	\$110.25	\$110.25	07/01/2021	06/30/2022	\$34.60	4%	
	\$114.66	\$114.66	\$114.66	07/01/2022	06/30/2023	\$35.98	4%	
	\$119.24	\$119.24	\$119.24	07/01/2023	06/30/2024	\$37.42	4%	

NOTES:

1. Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = actual hourly rate * (1+ ICR) * (1+ Fee). Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

Cost Proposal

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed
Consultant PSOMAS

Project No. _____ Contract No. _____ Date _____
 Prime Consultant Subconsultant 2nd Tier Subconsultant
 Participation Amount \$ _____

For Combined Rate	Fringe Benefit % + General & Administrative % = 167.34%	Combined ICR%
OR		
For Home Office Rate	Fringe Benefit % + General & Administrative % = 0.00%	Home Office ICR%
For Field Office Rate	Fringe Benefit % + General & Administrative % = 0.00%	Field Office ICR%
	Fee =	10%

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²		Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ³	% or \$ Increase	Hourly Range - for Classifications Only
	Straight	OT(1.5x)	OT(2x)	From			
Cliff Simental* / Survey Manager / Director	\$298.51	\$298.51		07/01/2019	\$101.51	4%	Not Applicable
	\$310.46	\$310.46	\$310.46	07/01/2020	\$105.57	4%	
	\$322.87	\$322.87	\$322.87	07/01/2021	\$109.79	4%	
	\$335.79	\$335.79	\$335.79	07/01/2022	\$114.18	4%	
	\$349.22	\$349.22	\$349.22	07/01/2023	\$118.75		

NOTES:

- Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
- The cost proposal format shall not be amended.
- Billing rate = actual hourly rate * (1+ ICR) * (1+ Fee). Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
- For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

EXHIBIT 10-H2 COST PROPOSAL Page 2 of 3
 SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
 (CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant Psomas Contract No. _____ Date 2/5/2019
 Prime Consultant Subconsultant

SCHEDULE OF OTHER DIRECT COST ITEMS (Add additional pages as necessary)				
Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs	-	Miles	\$0.58	\$0.00
Equipment Rental and Supplies	-		\$0.00	\$0.00
Permit Fees	-		\$0.00	\$0.00
Plan Sheets	-	24" x 36"	\$5.00	\$0.00
Test	-		\$0.00	\$0.00
Vehicle	-		\$0.00	\$0.00
Arellano Associates				\$0.00
Biggs Cardosa				\$0.00
C Below				\$0.00
Epic Land Solutions				\$0.00
LaBelle Marvin				\$0.00

Note: Add additional pages if necessary.
 NOTES:

- List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
- Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
- Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
- If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
- The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
- Add additional pages if necessary.
- Subconsultants must provide their own cost proposals.

EXHIBIT 10-H2 COST PROPOSAL Page 3 of 3

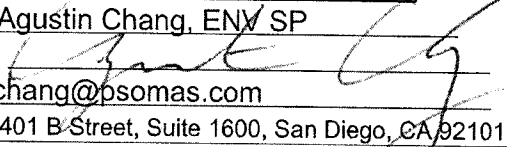
Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 - Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: Agustin Chang, ENX SP Title*: Principal/ Vice President
 Signature:  Date of Certification (mm/dd/yyyy): 2/5/2019
 Email: achang@psomas.com Phone Number: 619 961-2800
 Address: 401 B Street, Suite 1600, San Diego, CA 92101

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

EXHIBIT 10-H2 COST PROPOSAL

**Riverside County Department of Transportation
On-Call Engineering Services for Planning, Road/Highway/Traffic
Engineering**

ON-CALL CONTRACT

Prime Consultant: Psomas
Sub-Consultant: Arellano Associates, Sub-Consultant
Project No.: 07-Jun-19

NORMAL FRINGE BENEFIT % 0.00% OVERHEAD % 118.38% GENERAL ADMINISTRATIVE % 0.00% COMBINED % 118.38%
BILLING INFORMATION FEE % 10.00%

Name/Classification	Hourly Billing Rates		Effective Date of Hourly Rate		% Escalation Increase	Actual Hourly Rate	Hourly Range for Class
	Straight	Overtime (1.5 X)	From	To			
Muna-Landa, Luara	216.20	N/A	07/01/19	06/30/19		90.00	N/A
Arellano Associates / Director of Projects	222.68	N/A	07/01/20	06/30/20	3.00%	92.70	N/A
Outreach Project Manager	229.36	N/A	07/01/21	06/30/21	3.00%	95.48	N/A
F/T Exempt	236.24	N/A	07/01/22	06/30/22	3.00%	98.35	N/A
Ortiz-Cobian, Kathy	243.33	N/A	07/01/23	06/30/23	3.00%	101.30	N/A
Arellano Associates / Senior Project Coordinator	113.09	N/A	07/01/19	06/30/19		47.08	N/A
Outreach Senior Project Coordinator	116.49	N/A	07/01/20	06/30/20	3.00%	48.49	N/A
F/T Exempt	119.98	N/A	07/01/21	06/30/21	3.00%	49.95	N/A
Alcon-Tapia, Ariel	123.58	N/A	07/01/22	06/30/22	3.00%	51.45	N/A
Arellano Associates / Senior Project Coordinator	127.29	N/A	07/01/23	06/30/23	3.00%	52.99	N/A
Outreach Project Coordinator	96.09	N/A	07/01/19	06/30/19		40.00	N/A
F/T Exempt	98.97	N/A	07/01/20	06/30/20	3.00%	41.20	N/A
Arellano Associates / Senior Project Coordinator	101.94	N/A	07/01/21	06/30/21	3.00%	42.44	N/A
Outreach Project Coordinator	105.00	N/A	07/01/22	06/30/22	3.00%	43.71	N/A
F/T Exempt	108.15	N/A	07/01/23	06/30/23	3.00%	45.02	N/A

EXHIBIT 10-H2 COST PROPOSAL

**Riverside County Department of Transportation
On-Call Engineering Services for Planning, Road/Highway/Traffic
Engineering**

ON-CALL CONTRACT

Prime Consultant: Psomas
Sub-Consultant: Arellano Associates, Sub-Consultant
Project No.:
Date: 07-Jun-19

NORMAL FRINGE BENEFIT % 0.00% OVERHEAD % 118.38% GENERAL ADMINISTRATIVE % 0.00% COMBINED % 118.38%
 FEE % 10.00%

BILLING INFORMATION

CALCULATION INFORMATION

Name/Classification	Hourly Billing Rates		Effective Date of Hourly Rate		Actual Hourly Rate	Hourly Range for Class
	Straight	Overtime (1.5 X)	From	To		
Arellano Associates/Graphic Designer	78.07	79.63	07/01/19	06/30/19	32.50	\$25.00-\$40.00
	80.41	81.62	07/01/20	06/30/20	33.48	
Outreach Graphic Designer	82.83	84.07	07/01/21	06/30/21	34.48	
	85.31	86.59	07/01/22	06/30/22	35.51	
Non-Exempt	87.87	89.19	07/01/23	06/30/23	36.58	
Arellano Associates/Project Coordinator	78.07	79.24	07/01/19	06/30/19	32.50	\$25.00-\$40.00
	80.41	81.62	07/01/20	06/30/20	33.48	
Outreach Project Coordinator	82.83	84.07	07/01/21	06/30/21	34.48	
	85.31	86.59	07/01/22	06/30/22	35.51	
Non-Exempt	87.87	89.19	07/01/23	06/30/23	36.58	
Arellano Associates/Assistant Project Coordinator	54.05	54.86	07/01/19	06/30/19	22.50	\$20.00-\$25.00
	55.67	56.51	07/01/20	06/30/20	23.18	
Outreach Assistant Project Coordinator	57.34	58.20	07/01/21	06/30/21	23.87	
	57.34	58.20	07/01/22	06/30/22	23.87	
Non-Exempt	59.06	59.95	07/01/23	06/30/23	24.59	

- Caltrans Contract Manager's pre-approval is required for any addition of staff not listed on the cost proposal. The billing rates for these employees, including those that fall under general classifications, will be calculated and reimbursed based on their actual hourly rate on 01/31/2019. Future escalations, if any, will be calculated and reimbursed in accordance with the percentage escalations agreed to in this cost proposal.
- Hourly rates for new employees hired after the date of this cost proposal will not exceed (or shall be in line with) the rates of similar personnel listed on this cost proposal having similar experience.
- NC denotes no charge. The Department will not be invoiced for salaried staff for more than 8 hours per work day. No charges shall be invoiced for work performed on weekends and holidays in excess of a 40-hour work week, unless specifically authorized in a Task Order.
- The following overhead rate is utilized for preparing this cost proposal.
 - Independently Audited Overhead for FY ending December 31, 2017.
 - No charge will be invoiced for per diem or travel time cost related to staff relocation.
 - The Consultant employee's headquarters and/or primary residence as defined in the Caltrans Travel Guide. Travel Time Charges shall be as defined in the Caltrans Travel Guide.
 - Timesheets shall be signed by the employee and approved by the supervisor or their representative and submitted with the invoices.

SCHEDULE OF OTHER DIRECT COST ITEMS

Arellano Associates

DESCRIPTION OF ITEMS	UNIT	COST	DESCRIPTION OF ITEMS	UNIT	COST
			Photocopying - Project Specific	at cost *3	
			Printing/Reproduction - Project Specific	at cost *3	
			USPS Postage	Per Piece	
			UPS/Fed Ex	Per Piece	
			Graphic Design	Per Project	
			Legal Advertisement (Public Hearing)	at cost *3	
			Parcel Data	at cost	Actual Cost
			Facility Rental Fees	at cost *3	
			Translation	at cost	Per Word
			Meeting Supplies/Refreshments	at cost	Per Meeting *2
			Travel and Per Diem		
			Court Reporter	at cost	Per Meeting

1. The Consultant employee's headquarters and/or primary residence as defined in the Caltrans Travel Guide will be established in the Task Order or Personnel Request Form.
2. Pre-approved travel and per diem costs will be reimbursed in conformance with the current Department of Transportation Travel and Expense Guide for Consultants. No charge will be invoiced for employee relocation costs.
3. Pre-approved actual costs are competitive prices from appropriate vendors in their respective industries, and supported by receipts. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
4. Parking, tolls and local transportation costs resulting from commuting to and from the employee's residence to the job site as assigned in the Task Order are not reimbursable.
5. The Department will not reimburse the Consultant for costs to relocate its staff to the geographic area of the contract as stated in project description. The Department will not reimburse the Consultant for any per diem costs, unless pre-approved by the Department's Contract Manager.
6. ODC items claimed are in compliance with 48 Code of Federal Regulation, Chapter 1, part 31 (Federal Acquisition Regulation - FAR cost principles) and are consistent with the firm's company-wide allocation policies and charging practices with all clients including federal government, state governments, local agencies and private clients.
7. Proposed items should be consistently billed directly to all clients (Commercial entities, Federal Govt., State Govt., and Local Govt. Agency), and not just when the client will pay for them as a direct cost.
8. Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
9. For those items listed here as "tools of the trade" that are part of indirect cost and not applicable as a direct cost, are denoted as Not Applicable (NA).

EXHIBIT 10-H2 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: Genoveva L. Arellano Title *: President

Signature :  Date of Certification (mm/dd/yyyy): 04/09/2019

Email: GArellano@arellanoassociates.com Phone Number: 909-627-2974

Address: 5851 Pine Avenue, Suite A, Chino Hills, CA 91709

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Public Outreach, Communications, Stakeholder Engagement

EXHIBIT 10-H2 COST PROPOSAL

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant **Biggs Cardosa Associates, Inc.** Prime Consultant Subconsultant 2nd Tier Subconsultant

Fed Proj ID _____ Contract No. _____ Participation Amount \$ _____ Date: **6/25/2019**

For Combined Rate
Fringe Benefit % + General & Administrative % = **152.03%** Combined ICR%

OR
For Home Office Rate
Fringe Benefit % + General & Administrative % = _____ Home Office ICR%

For Field Office Rate
Fringe Benefit % + General & Administrative % = _____ Field Office ICR%

Fee = **10%**

BILLING INFORMATION			CALCULATION INFORMATION				
Name/Job Title/Classification ¹	Hourly Billing Rates ³ Straight OT(1.5x)	OT(2x)	Effective date of hourly rate From	To	Actual or Avg. Hourly Rate ⁴	% or \$ increase	Hourly range - for classifications only
Michael Thomas Structures Manager / Principal II	\$ 281.50	N/A	7/1/2019	6/30/2020	\$ 101.54		Not Applicable
	\$ 288.54	N/A	7/1/2020	6/30/2021	\$ 104.08	2.50%	
	\$ 295.75	N/A	7/1/2021	6/30/2022	\$ 106.68	2.50%	
	\$ 303.15	N/A	7/1/2022	6/30/2023	\$ 109.35	2.50%	
	\$ 310.73	N/A	7/1/2023	6/30/2024	\$ 112.08	2.50%	
	\$ 307.09	N/A	7/1/2019	6/30/2020	\$ 110.77		
Principal III	\$ 314.77	N/A	7/1/2020	6/30/2021	\$ 113.54	2.50%	\$100.00 to \$ 120.00
	\$ 322.64	N/A	7/1/2021	6/30/2022	\$ 116.38	2.50%	\$102.50 to \$ 123.00
	\$ 330.70	N/A	7/1/2022	6/30/2023	\$ 119.29	2.50%	\$105.06 to \$ 126.08
	\$ 338.97	N/A	7/1/2023	6/30/2024	\$ 122.27	2.50%	\$107.69 to \$ 129.23
	\$ 272.52	N/A	7/1/2019	6/30/2020	\$ 98.30		\$110.38 to \$ 132.46
	\$ 279.33	N/A	7/1/2020	6/30/2021	\$ 100.76	2.50%	\$ 90.00 to \$ 105.00
Principal II	\$ 286.32	N/A	7/1/2021	6/30/2022	\$ 103.28	2.50%	\$ 92.25 to \$ 107.63
	\$ 293.47	N/A	7/1/2022	6/30/2023	\$ 105.86	2.50%	\$ 94.56 to \$ 110.32
	\$ 300.81	N/A	7/1/2023	6/30/2024	\$ 108.50	2.50%	\$ 96.92 to \$ 113.07
						2.50%	\$ 99.34 to \$ 115.90

Principal I	\$ 231.93	N/A	N/A	7/1/2019	6/30/2020	\$	83.66	\$	80.00 to \$ 95.00
	\$ 237.73	N/A	N/A	7/1/2020	6/30/2021	\$	85.75	\$	82.00 to \$ 97.38
	\$ 243.67	N/A	N/A	7/1/2021	6/30/2022	\$	87.90	\$	84.05 to \$ 99.81
	\$ 249.77	N/A	N/A	7/1/2022	6/30/2023	\$	90.09	\$	86.15 to \$ 102.30
	\$ 256.01	N/A	N/A	7/1/2023	6/30/2024	\$	92.34	\$	88.31 to \$ 104.86
Associate	\$ 194.06	N/A	N/A	7/1/2019	6/30/2020	\$	70.00	\$	64.00 to \$ 82.00
	\$ 198.91	N/A	N/A	7/1/2020	6/30/2021	\$	71.75	\$	65.60 to \$ 84.05
	\$ 203.89	N/A	N/A	7/1/2021	6/30/2022	\$	73.54	\$	67.24 to \$ 86.15
	\$ 208.98	N/A	N/A	7/1/2022	6/30/2023	\$	75.38	\$	68.92 to \$ 88.31
	\$ 214.21	N/A	N/A	7/1/2023	6/30/2024	\$	77.27	\$	70.64 to \$ 90.51
Engineering Manager	\$ 171.94	N/A	N/A	7/1/2019	6/30/2020	\$	62.02	\$	58.00 to \$ 66.00
	\$ 176.24	N/A	N/A	7/1/2020	6/30/2021	\$	63.57	\$	59.45 to \$ 67.65
	\$ 180.64	N/A	N/A	7/1/2021	6/30/2022	\$	65.16	\$	60.94 to \$ 69.34
	\$ 185.16	N/A	N/A	7/1/2022	6/30/2023	\$	66.79	\$	62.46 to \$ 71.07
	\$ 189.79	N/A	N/A	7/1/2023	6/30/2024	\$	68.46	\$	64.02 to \$ 72.85
Senior Engineer	\$ 156.11	N/A	N/A	7/1/2019	6/30/2020	\$	56.31	\$	52.00 to \$ 62.00
	\$ 160.01	N/A	N/A	7/1/2020	6/30/2021	\$	57.72	\$	53.30 to \$ 63.55
	\$ 164.01	N/A	N/A	7/1/2021	6/30/2022	\$	59.16	\$	54.63 to \$ 65.14
	\$ 168.11	N/A	N/A	7/1/2022	6/30/2023	\$	60.64	\$	56.00 to \$ 66.77
	\$ 172.32	N/A	N/A	7/1/2023	6/30/2024	\$	62.16	\$	57.40 to \$ 68.44
Project Engineer	\$ 136.23	N/A	N/A	7/1/2019	6/30/2020	\$	49.14	\$	42.00 to \$ 54.00
	\$ 139.64	N/A	N/A	7/1/2020	6/30/2021	\$	50.37	\$	43.05 to \$ 55.35
	\$ 143.13	N/A	N/A	7/1/2021	6/30/2022	\$	51.63	\$	44.13 to \$ 56.73
	\$ 146.71	N/A	N/A	7/1/2022	6/30/2023	\$	52.92	\$	45.23 to \$ 58.15
	\$ 150.37	N/A	N/A	7/1/2023	6/30/2024	\$	54.24	\$	46.36 to \$ 59.61
Staff Engineer	\$ 115.00	N/A	N/A	7/1/2019	6/30/2020	\$	41.48	\$	38.00 to \$ 44.00
	\$ 117.87	N/A	N/A	7/1/2020	6/30/2021	\$	42.52	\$	38.95 to \$ 45.10
	\$ 120.82	N/A	N/A	7/1/2021	6/30/2022	\$	43.58	\$	39.92 to \$ 46.23
	\$ 123.84	N/A	N/A	7/1/2022	6/30/2023	\$	44.67	\$	40.92 to \$ 47.38
	\$ 126.93	N/A	N/A	7/1/2023	6/30/2024	\$	45.79	\$	41.94 to \$ 48.57
Assistant Engineer	\$ 101.41	N/A	N/A	7/1/2019	6/30/2020	\$	36.58	\$	33.00 to \$ 40.00
	\$ 103.95	N/A	N/A	7/1/2020	6/30/2021	\$	37.49	\$	33.83 to \$ 41.00
	\$ 106.55	N/A	N/A	7/1/2021	6/30/2022	\$	38.43	\$	34.67 to \$ 42.03
	\$ 109.21	N/A	N/A	7/1/2022	6/30/2023	\$	39.39	\$	35.54 to \$ 43.08
	\$ 111.94	N/A	N/A	7/1/2023	6/30/2024	\$	40.38	\$	36.43 to \$ 44.15

Junior Engineer	\$ 90.90	N/A	N/A	7/1/2019	6/30/2020	\$	32.79		\$ 30.00 to \$ 34.00
	\$ 93.18	N/A	N/A	7/1/2020	6/30/2021	\$	33.61	2.50%	\$ 30.75 to \$ 34.85
	\$ 95.51	N/A	N/A	7/1/2021	6/30/2022	\$	34.45	2.50%	\$ 31.52 to \$ 35.72
	\$ 97.89	N/A	N/A	7/1/2022	6/30/2023	\$	35.31	2.50%	\$ 32.31 to \$ 36.61
	\$ 100.34	N/A	N/A	7/1/2023	6/30/2024	\$	36.19	2.50%	\$ 33.11 to \$ 37.53
Sr. Computer Drafter	\$ 122.93	N/A	N/A	7/1/2019	6/30/2020	\$	44.34		\$ 37.00 to \$ 52.00
	\$ 126.00	N/A	N/A	7/1/2020	6/30/2021	\$	45.45	2.50%	\$ 37.93 to \$ 53.30
	\$ 129.15	N/A	N/A	7/1/2021	6/30/2022	\$	46.58	2.50%	\$ 38.87 to \$ 54.63
	\$ 132.38	N/A	N/A	7/1/2022	6/30/2023	\$	47.75	2.50%	\$ 39.84 to \$ 56.00
	\$ 135.69	N/A	N/A	7/1/2023	6/30/2024	\$	48.94	2.50%	\$ 40.84 to \$ 57.40
Project Administrator	\$ 147.82	N/A	N/A	7/1/2019	6/30/2020	\$	53.32		\$ 44.00 to \$ 58.00
	\$ 151.52	N/A	N/A	7/1/2020	6/30/2021	\$	54.65	2.50%	\$ 45.10 to \$ 59.45
	\$ 155.30	N/A	N/A	7/1/2021	6/30/2022	\$	56.02	2.50%	\$ 46.23 to \$ 60.94
	\$ 159.19	N/A	N/A	7/1/2022	6/30/2023	\$	57.42	2.50%	\$ 47.38 to \$ 62.46
	\$ 163.17	N/A	N/A	7/1/2023	6/30/2024	\$	58.86	2.50%	\$ 48.57 to \$ 64.02
Project Coordinator	\$ 110.62	N/A	N/A	7/1/2019	6/30/2020	\$	39.90		\$ 34.00 to \$ 45.00
	\$ 113.38	N/A	N/A	7/1/2020	6/30/2021	\$	40.90	2.50%	\$ 34.85 to \$ 46.13
	\$ 116.22	N/A	N/A	7/1/2021	6/30/2022	\$	41.92	2.50%	\$ 35.72 to \$ 47.28
	\$ 119.12	N/A	N/A	7/1/2022	6/30/2023	\$	42.97	2.50%	\$ 36.61 to \$ 48.46
	\$ 122.10	N/A	N/A	7/1/2023	6/30/2024	\$	44.04	2.50%	\$ 37.53 to \$ 49.67
Project Assistant	\$ 74.60	N/A	N/A	7/1/2019	6/30/2020	\$	26.91		\$ 18.00 to \$ 35.00
	\$ 76.47	N/A	N/A	7/1/2020	6/30/2021	\$	27.58	2.50%	\$ 18.45 to \$ 35.88
	\$ 78.38	N/A	N/A	7/1/2021	6/30/2022	\$	28.27	2.50%	\$ 18.91 to \$ 36.77
	\$ 80.34	N/A	N/A	7/1/2022	6/30/2023	\$	28.98	2.50%	\$ 19.38 to \$ 37.69
	\$ 82.35	N/A	N/A	7/1/2023	6/30/2024	\$	29.70	2.50%	\$ 19.87 to \$ 38.63

NOTES:

1. Key personnel **must** be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All cost: must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = actual hourly rate * (1+ ICR) * (1+ Fee). Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

EXHIBIT 10-H2 COST PROPOSAL

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
 (CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant Biggs Cardosa Associates, Inc. Prime Consultant Subconsultant

Fed Proj ID _____ Contract No. _____ Date: 6/25/2019

SCHEDULE OF OTHER DIRECT COST ITEMS					
Description of Item	Quantity	Unit	Unit Cost	Total	
Outside Reproduction		EA	Actual (varies)	TBD	
In-House CADD Prints		SF	\$0.30	TBD	
In-House CADD Plots		SF	\$1.50	TBD	
Courier Delivery Services		EA	Actual (varies)	TBD	
Express Mail/USPS		EA	Actual (varies)	TBD	
Subconsultant 1:					
Subconsultant 2:					
Subconsultant 3:					
Subconsultant 4:					
Subconsultant 5:					

NOTES:

- List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
- Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
- Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
- If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
- The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
- Add additional pages if necessary.
- Subconsultants must provide their own cost proposals.

EXHIBIT 10-H2 COST PROPOSAL

Certification of Direct Costs:

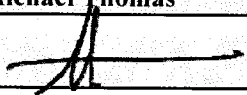
I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: Michael Thomas Title *: Vice-President

Signature :  Date of Certification (mm/dd/yyyy): 6/25/2019

Email: mthomas@biggscardosa.com Phone Number: (949) 287-8787

Address: 500 N. Main Street, Suite 400, Orange, CA 92868

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Structural Engineering

Cost Proposal
EXHIBIT 10-H2 COST PROPOSAL Page 1 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
 (CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed
 Consultant C Below, Inc.

Project No. _____ Contract No. _____ Prime Consultant Subconsultant 2nd Tier Subconsultant
 Participation Amount \$ _____ Date 6/26/2019

For Combined Rate	Fringe Benefit % + General & Administrative % = 132.21%	Combined ICR%
OR		
For Home Office Rate	Fringe Benefit % + General & Administrative % =	Home Office ICR%
For Field Office Rate	Fringe Benefit % + General & Administrative % =	Field Office ICR%
	Fee =	10%

BILLING INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²		Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ³	% or \$ Increase	Hourly Range - for Classifications Only
	Straight	OT(1.5x)	OT(2x)	From			
Locating Field Manager**	\$101.46	\$101.46	\$101.46	07/01/2019	\$39.72		Not Applicable
	\$106.69	\$106.69	\$106.69	07/01/2020	\$41.77	\$2.05	
	\$112.06	\$112.06	\$112.06	07/01/2021	\$43.87	\$2.10	
	\$117.55	\$117.55	\$117.55	07/01/2022	\$46.02	\$2.15	
Survey Party Chief Director**	\$123.17	\$123.17	\$123.17	07/01/2023	\$48.22	\$2.20	Not Applicable
	\$101.46	\$101.46	\$101.46	07/01/2019	\$39.72		
	\$106.69	\$106.69	\$106.69	07/01/2020	\$41.77	\$2.05	
	\$112.06	\$112.06	\$112.06	07/01/2021	\$43.87	\$2.10	
Pothing Rig Operator**	\$117.55	\$117.55	\$117.55	07/01/2022	\$46.02	\$2.15	Not Applicable
	\$123.17	\$123.17	\$123.17	07/01/2023	\$48.22	\$2.20	
	\$101.46	\$101.46	\$101.46	07/01/2019	\$39.72		
	\$106.69	\$106.69	\$106.69	07/01/2020	\$41.77	\$2.05	
Drafter/CAD	\$112.06	\$112.06	\$112.06	07/01/2021	\$43.87	\$2.10	Not Applicable
	\$117.55	\$117.55	\$117.55	07/01/2022	\$46.02	\$2.15	
	\$123.17	\$123.17	\$123.17	07/01/2023	\$48.22	\$2.20	
	\$61.30	\$61.30	\$61.30	07/01/2019	\$24.00		
	\$63.45	\$63.45	\$63.45	07/01/2020	\$24.84	3.5%	Not Applicable
	\$65.67	\$65.67	\$65.67	07/01/2021	\$25.71	3.5%	
	\$67.97	\$67.97	\$67.97	07/01/2022	\$26.61	3.5%	
	\$70.35	\$70.35	\$70.35	07/01/2023	\$27.54	3.5%	

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²		Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ⁴	% or \$ Increase	Hourly Range - for Classifications Only
	Straight	OT(1.5x)	OT(2x)	From To			
Project Manager*	\$104.42	\$104.42	\$104.42	07/01/2019 06/30/2020	\$40.88		
	\$108.07	\$108.07	\$108.07	07/01/2020 06/30/2021	\$42.31	3.5%	Not Applicable
	\$111.86	\$111.86	\$111.86	07/01/2021 06/30/2022	\$43.79	3.5%	
	\$115.77	\$115.77	\$115.77	07/01/2022 06/30/2023	\$45.32	3.5%	
	\$119.82	\$119.82	\$119.82	07/01/2023 06/30/2024	\$46.91	3.5%	

NOTES:

1. Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = actual hourly rate * (1+ ICR) * (1+ Fee). Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

NOTES:

1. All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = actual hourly rate * (1+ ICR) * (1+ Fee). Indirect cost rates should be based on the consultant's annual accounting period, established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

EXHIBIT 10-H2 COST PROPOSAL Page 2 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant C.Below, Inc. Prime Consultant Subconsultant

Project No. _____ Contract No. TBD Date 06/25/2019

SCHEDULE OF OTHER DIRECT COST ITEMS (Add additional pages as necessary)				
Description of Item	Quantity	Unit	Unit Cost	Total
Pothing Rig/ Daily		each	\$1,750	\$1,750
Utility Locating Equipment		each	\$225	\$225
Mapping equipment charges		each	\$685	\$685
*All Items above are daily				\$
				\$
				\$
				\$
				\$
Grand Total				\$

Note: Add additional pages if necessary.

NOTES:

1. List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
2. Proposed ODC items should be consistently billed regardless of client and contract type.
3. Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
4. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).

5. Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
6. Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.

7. If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
10. Add additional pages if necessary.
11. Subconsultants must provide their own cost proposals.

EXHIBIT 10-H2 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 - Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: Chris Loera Title *: CEO
 Signature: *Chris Loera* Date of Certification: 06/25/2019
 Email: ChrisL@cbelow.com Phone Number: 888-902-3569
 Address: 14280 Euclid Avenue Chino, CA 91710

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Subsurface Utility Locating

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 2
 SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
 (CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed

Consultant: **Epic Land Solutions, Inc.**

2nd Tier Subconsultant

Prime SubConsultant

Project No.

Contract No.

Participation Amount \$

6/25/2019

STRAIGHT	Fringe Benefit % 55.00%	Overhead % 73.00%	General 56.00%	=	Indirect Rate % 184.00%
OVERTIME	55.00%	73.00%	56.00%	=	184.00%

FEE % = 10%

Name/Classification*	Loaded Hourly Billing Rates Straight	Overhead %	Effective Date of Hourly Rate From	To	% Escalation Increase	Actual Hourly Rate**	Hourly Range for Class**
Curtis Bibolet* Utility Manager	\$148.70		7/1/2019	6/30/2020	3%	\$47.60	N/A
	\$153.17		7/1/2020	6/30/2021	3%	\$49.03	
	\$157.76		7/1/2021	6/30/2022	3%	\$50.50	
	\$162.51		7/1/2022	6/30/2023	3%	\$52.02	
	\$167.38		7/1/2023	6/30/2024	3%	\$53.58	
BJ Swanner* Project Development Lead	\$172.73		7/1/2019	6/30/2020	3%	\$55.29	N/A
	\$177.91		7/1/2020	6/30/2021	3%	\$56.95	
	\$183.25		7/1/2021	6/30/2022	3%	\$58.66	
	\$188.75		7/1/2022	6/30/2023	3%	\$60.42	
	\$194.41		7/1/2023	6/30/2024	3%	\$62.23	

Senior ROW Agent	\$115.68	\$115.68	7/1/2019	6/30/2020	3%	\$37.03	\$36.06	to	\$38.00
	\$119.15	\$119.15	7/1/2020	6/30/2021	3%	\$38.14	\$37.14		\$39.14
	\$122.73	\$122.73	7/1/2021	6/30/2022	3%	\$39.29	\$38.26		\$40.31
	\$126.41	\$126.41	7/1/2022	6/30/2023	3%	\$40.46	\$39.40		\$41.52
	\$130.20	\$130.20	7/1/2023	6/30/2024	3%	\$41.68	\$40.59		\$42.77
ROW Agent	\$79.88	\$79.88	7/1/2019	6/30/2020	3%	\$25.57	\$24.07	to	\$27.07
	\$82.28	\$82.28	7/1/2020	6/30/2021	3%	\$26.34	\$24.79		\$27.88
	\$84.75	\$84.75	7/1/2021	6/30/2022	3%	\$27.13	\$25.54		\$28.72
	\$87.29	\$87.29	7/1/2022	6/30/2023	3%	\$27.94	\$26.30		\$29.58
	\$89.91	\$89.91	7/1/2023	6/30/2024	3%	\$28.78	\$27.09		\$30.47
Project Development Analyst	\$135.18	\$135.18	7/1/2019	6/30/2020	3%	\$43.27	\$43.27	to	\$43.27
	\$139.23	\$139.23	7/1/2020	6/30/2021	3%	\$44.57	\$44.57		\$44.57
	\$143.41	\$143.41	7/1/2021	6/30/2022	3%	\$45.91	\$45.91		\$45.91
	\$147.71	\$147.71	7/1/2022	6/30/2023	3%	\$47.28	\$47.28		\$47.28
	\$152.14	\$152.14	7/1/2023	6/30/2024	3%	\$48.70	\$48.70		\$48.70
Utility Coordinator	\$78.10	\$78.10	7/1/2019	6/30/2020	3%	\$25.00	\$25.00	to	\$25.00
	\$80.44	\$80.44	7/1/2020	6/30/2021	3%	\$25.75	\$25.75		\$25.75
	\$82.86	\$82.86	7/1/2021	6/30/2022	3%	\$26.52	\$26.52		\$26.52
	\$85.34	\$85.34	7/1/2022	6/30/2023	3%	\$27.32	\$27.32		\$27.32
	\$87.90	\$87.90	7/1/2023	6/30/2024	3%	\$28.14	\$28.14		\$28.14
Senior Appraiser	\$176.47	\$176.47	7/1/2019	6/30/2020	3%	\$56.49	\$48.08	to	\$64.90
	\$181.77	\$181.77	7/1/2020	6/30/2021	3%	\$58.18	\$49.52		\$66.85
	\$187.22	\$187.22	7/1/2021	6/30/2022	3%	\$59.93	\$51.01		\$68.85
	\$192.84	\$192.84	7/1/2022	6/30/2023	3%	\$61.73	\$52.54		\$70.92
	\$198.62	\$198.62	7/1/2023	6/30/2024	3%	\$63.58	\$54.11		\$73.05
Budget & Financial Control Analyst	\$117.17	\$117.17	7/1/2019	6/30/2020	3%	\$37.51	\$27.76	to	\$47.25
	\$120.68	\$120.68	7/1/2020	6/30/2021	3%	\$38.63	\$28.59		\$48.67
	\$124.30	\$124.30	7/1/2021	6/30/2022	3%	\$39.79	\$29.45		\$50.13
	\$128.03	\$128.03	7/1/2022	6/30/2023	3%	\$40.98	\$30.33		\$51.63
	\$131.87	\$131.87	7/1/2023	6/30/2024	3%	\$42.21	\$31.24		\$53.18
QA/QC	\$99.12	\$99.12	7/1/2019	6/30/2020	3%	\$31.73	\$26.44	to	\$37.02
	\$102.10	\$102.10	7/1/2020	6/30/2021	3%	\$32.68	\$27.23		\$38.13
	\$105.16	\$105.16	7/1/2021	6/30/2022	3%	\$33.66	\$28.05		\$39.27
	\$108.32	\$108.32	7/1/2022	6/30/2023	3%	\$34.67	\$28.89		\$40.45
	\$111.57	\$111.57	7/1/2023	6/30/2024	3%	\$35.71	\$29.76		\$41.67

Notes:

1. Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = actual hourly rate * (1+ ICR) * (1+ Fee). Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 2
 SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
 (CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant: **Epic Land Solutions, Inc.**

Project No. _____ Contract No. _____ Date 2/6/19 Prime SubConsultant

SCHEDULE OF OTHER DIRECT COST ITEMS(Additional pages as necessary)				
Description of Item	Quantity	Unit	Unit Cost	Total
Mileage costs			At Standard IRS Rate	
Lodging, Airfare			At GSA Standard Rates	
Postage/Overnight Delivery			At Cost	
Online Date Services			\$100/month	
Title Reports			At Cost	
Subconsultant 1:				
Subconsultant 2:				
Subconsultant 3:				
Subconsultant 4:				
Subconsultant 5:				

*The Other Direct Cost (ODC) called "Online Data Services" is a monthly charge for database subscription services utilized through the duration of a right of way contract where real estate intelligence is required. Online Data Service subscriptions include Loopnet, Intelius, Costar, and regional Multiple Listing Service (MLS) databases.

Notes:

- List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
- Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
- Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules. If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs
- If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
- The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
- Add additional pages if necessary.
- Subconsultants must provide their own cost proposals.

EXHIBIT 10-H2 COST PROPOSAL

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 - Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: Karen Starr Title *: President
 Signature : *Karen Starr* Date of Certification (mm/dd/yyyy): 04/09/2019
 Email: kstarr@epicland.com Phone Number: (310) 626-4848
 Address: 2601 Airport Drive, Suite 115, Torrance, CA 90505

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Right of Way Support Services

Cost Proposal

EXHIBIT 10-H2 COST PROPOSAL Page 1 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed

Contractant LaBelle Marvin, Inc.

Prime Consultant Subconsultant

2nd Tier Subconsultant

Project No. _____ Contract No. _____ Participation Amount \$ _____ Date June 25, 2019

For Combined Rate	Fringe Benefit % + General & Administrative % = 110.00%	Combined ICR%
For Home Office Rate	Fringe Benefit % + General & Administrative % = 0.00%	Home Office ICR%
For Field Office Rate	Fringe Benefit % + General & Administrative % = 0.00%	Field Office ICR%
	OR	10%

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²		Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ³	% or \$ Increase	Hourly Range - for Classifications Only
	Straight	OT(1.5x)	OT(2x)	From			
*Steve Marvin / Principal Engineer / Pavement Engineer	\$224.99	\$224.99	\$224.99	7/1/2019	\$97.40	4%	Not Applicable
	\$233.99	\$233.99	\$233.99	7/1/2020	\$101.30	4%	
	\$243.35	\$243.35	\$243.35	7/1/2021	\$105.35	4%	
	\$253.09	\$253.09	\$253.09	7/1/2021	\$109.56	4%	
Engineering Aide / Pavement Engineering Support	\$263.21	\$263.21	\$263.21	7/1/2021	\$113.94	4%	\$60.00 - \$65.00
	\$145.00	\$145.00	\$145.00	7/1/2019	\$62.77	4%	
	\$150.80	\$150.80	\$150.80	7/1/2020	\$65.28	4%	
	\$156.83	\$156.83	\$156.83	7/1/2021	\$67.89	4%	
Field Technician / Pavement Coring Technician	\$163.10	\$163.10	\$163.10	7/1/2021	\$70.61	4%	\$35.00 - \$45.00
	\$169.63	\$169.63	\$169.63	7/1/2021	\$73.43	4%	
	\$80.00	\$80.00	\$80.00	7/1/2019	\$34.63	4%	
	\$83.20	\$83.20	\$83.20	7/1/2020	\$36.02	4%	
Field Technician / Falling Weight Deflectometer Technician	\$86.52	\$86.52	\$86.52	7/1/2021	\$37.46	4%	\$35.00 - \$45.00
	\$89.98	\$89.98	\$89.98	7/1/2021	\$38.95	4%	
	\$93.58	\$93.58	\$93.58	7/1/2021	\$40.51	4%	
	\$80.00	\$80.00	\$80.00	7/1/2019	\$34.63	4%	
	\$83.20	\$83.20	\$83.20	7/1/2020	\$36.02	4%	
	\$86.52	\$86.52	\$86.52	7/1/2021	\$37.46	4%	
	\$89.98	\$89.98	\$89.98	7/1/2021	\$38.95	4%	
	\$93.58	\$93.58	\$93.58	7/1/2021	\$40.51	4%	

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²			Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ⁴	% or \$ Increase	Hourly Range - for Classifications Only
	Straight	OT(1.5x)	OT(2x)	From	To			
	\$0.00	\$0.00	\$0.00	7/1/2019	6/30/2019	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	7/1/2020	6/30/2020	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	7/1/2021	6/30/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	7/1/2021	6/30/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2019	12/31/2019	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2020	12/31/2020	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2019	12/31/2019	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2020	12/31/2020	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2019	12/31/2019	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2020	12/31/2020	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2019	12/31/2019	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2020	12/31/2020	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2019	12/31/2019	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2020	12/31/2020	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	
	\$0.00	\$0.00	\$0.00	1/1/2021	12/31/2021	\$0.00	4%	

NOTES:

1. Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = actual hourly rate * (1 + ICR) * (1 + Fee). Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

EXHIBIT 10-H2 COST PROPOSAL Page 2 of 3
 SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
 (CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant LaBelle Marvin, Inc. Contract No. _____ Date June 25, 2019
 Project No. _____ Prime Consultant Subconsultant

Consultant <u>LaBelle Marvin, Inc.</u>		Quantity	Unit	Unit Cost	Total
Description of Item					
FWD Deflection Testing Equipment (LMI FIELD TESTING)	-	day	Actual	#VALUE!	#VALUE!
Pavement Coring Truck/Equipment (LMI FIELD TESTING)	-	day	Actual	#VALUE!	#VALUE!
AC Coring Disposables	-	inch	\$8.00	\$0.00	\$0.00
PCC Coring Disposables	-	inch	\$10.00	\$0.00	\$0.00
Traffic Control (STATEWIDE SAFETY)	-	day	Actual	#VALUE!	#VALUE!
Vehicle	-		\$0.00	\$0.00	\$0.00
Subconsultant 1:				\$0.00	\$0.00
Subconsultant 2:				\$0.00	\$0.00
Subconsultant 3:				\$0.00	\$0.00
Subconsultant 4:				\$0.00	\$0.00
Subconsultant 5:				\$0.00	\$0.00

Note: Add additional pages if necessary.
 NOTES:

- List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
 - Proposed ODC items should be consistently billed regardless of client and contract type.
 - Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
 - Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
 - Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Engineering Aide / Data Analysis
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
 - If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
- Report Preparation / Administration
- Add additional pages if necessary.
 - Subconsultants must provide their own cost proposals.

Field Technician / Prevailing Wage

EXHIBIT 10-H2 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. Title 23 United States Code Section 112 - Letting of Contracts
- 10. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
- 11. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
- 12. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: STEVAN S. MARRIN

Title*: President

Signature: [Handwritten Signature]

Date of Certification (mm/dd/yyyy): 4/10/2019

Email: smarrin@labetelemarrin.com

Phone Number: 714 546 3468

Address: 2700 S. GRAND AVE, SANTA ANA, CA 92705

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Pavement engineering services

Cost Proposal

EXHIBIT 10-HZ COST PROPOSAL Page 1 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Markups are Not Allowed

Consultant: Van Dyke Landscape Architects, Inc

Prime Consultant

Subconsultant

2nd Tier Subconsultant

Project No. _____ Contract No. _____

Participation Amount \$ _____

Date April 9th, 2019

For Combined Rate	Fringe Benefit % + General & Administrative %	=	214.23%	Combined ICR%
For Home Office Rate		=		Home Office ICR%
For Field Office Rate		=		Field Office ICR%

BILLING INFORMATION				CALCULATION INFORMATION			
Name/Job Title/Classification	Hourly Billing Rates?		Effective Date of Hourly Rate		Actual or Avg. Hourly Rate*	% or \$ Increase	Hourly Range - for Classifications Only
	Straight	OT(L, S) OT(2x)	From	To			
Yale Hooper* / Principal	\$191.11		7/1/2019	6/30/2020	\$55.29		Not Applicable
	\$196.84		7/1/2020	6/30/2021	\$56.95	3%	
	\$202.75		7/1/2021	6/30/2022	\$58.66	3%	
Ling Chan* / Associate	\$144.58		7/1/2019	6/30/2020	\$41.83		Not Applicable
	\$148.92		7/1/2020	6/30/2021	\$43.08	3%	
	\$153.38		7/1/2021	6/30/2022	\$44.38	3%	
Lucas Taylor * / Project Manager	\$124.63		7/1/2019	6/30/2020	\$36.06		Not Applicable
	\$128.37		7/1/2020	6/30/2021	\$37.14	3%	
	\$132.22		7/1/2021	6/30/2022	\$38.26	3%	
Brett Allen / Construction Admin Manager	\$122.97		7/1/2019	6/30/2020	\$35.58		Not Applicable
	\$126.66		7/1/2020	6/30/2021	\$36.65	3%	
	\$130.46		7/1/2021	6/30/2022	\$37.75	3%	

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates:		Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ²	% or \$ Increase	Hourly Range - for Classifications Only
	Straight	OT(1.5x)	From	To			
Brett Allen/Construction Admin Inspection	\$122.97		7/1/2019	6/30/2020	\$35.58		
	\$126.66		7/1/2020	6/30/2021	\$36.65	3%	Not Applicable
	\$130.46		7/1/2021	6/30/2022	\$37.75	3%	
Todd Floyd/Professional Staff	\$95.82		7/1/2019	6/30/2020	\$27.72		
	\$98.69		7/1/2020	6/30/2021	\$28.55	3%	Not Applicable
	\$101.66		7/1/2021	6/30/2022	\$29.41	3%	

Van Dyke Landscape Architects will use actual hourly rates for Classifications rather than providing a range

NOTES:

1. Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = are a calculation (wage*(wage*OHrate)*profit rate) established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

EXHIBIT 10-H2 COST PROPOSAL Page 2 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant Van Dyke Landscape Architects, Inc. Prime Consultant Subconsultant
 Project No. _____ Contract No. _____ Date April 9th, 2019

SCHEDULE OF OTHER DIRECT COST ITEMS (Add additional pages as necessary)				
Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs	As required	Mile	\$0.58	\$0.00
Equipment Rental and Supplies	N/A		\$0.00	\$0.00
Permit Fees	As Required		\$0.00	\$0.00
Plan Sheets	As Required		\$0.00	\$0.00
Test	N/A		\$0.00	\$0.00
Vehicle	N/A		\$0.00	\$0.00
Subconsultant 1:				\$0.00
Subconsultant 2:				\$0.00
Subconsultant 3:				\$0.00
Subconsultant 4:				\$0.00
Subconsultant 5:				\$0.00

Note: Add additional pages if necessary.

NOTES:

- List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
- Proposed ODC items should be consistently billed regardless of client and contract type.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
- Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
- Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
- Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
- If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
- If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
- The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
- Add additional pages if necessary.
- Subconsultants must provide their own cost proposals.

EXHIBIT 10-H2 COST PROPOSAL Page 3 of 3

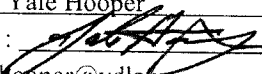
Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

7. Generally Accepted Accounting Principles (GAAP)
8. Terms and conditions of the contract
9. Title 23 United States Code Section 112 - Letting of Contracts
10. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
11. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
12. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: Yale Hooper Title*: Vice President
 Signature:  Date of Certification: 06/10/2019
 Email: yhooper@vdlatus Phone Number: 1-619-992-1679 Ex.21
 Address: 462 Stevens Ave., Suite 107 Solana Beach, Ca. 92075

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

*perform quantity take offs and prepare estimates
 Provide roadway / highway engineer related.
 Professional Services as required
 Project Management
 Perform plan check reviews of improvement plans for
 private development projects.*